

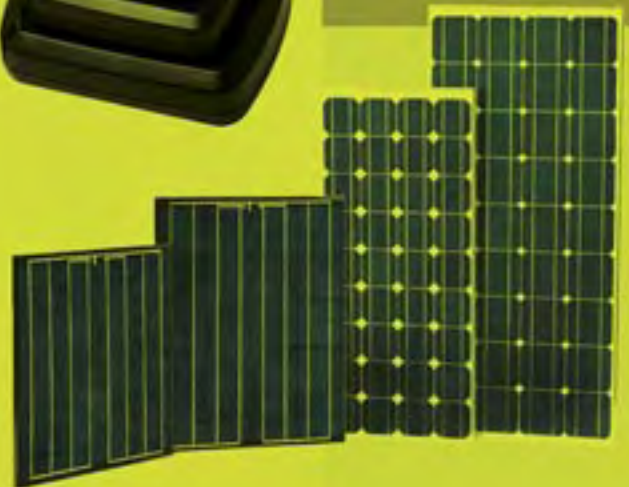
CATALOG 7



COAST  
ELECTRONICS  
SUPPLY



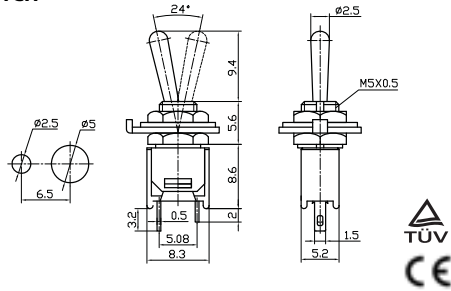
# PRODUCT CATALOG



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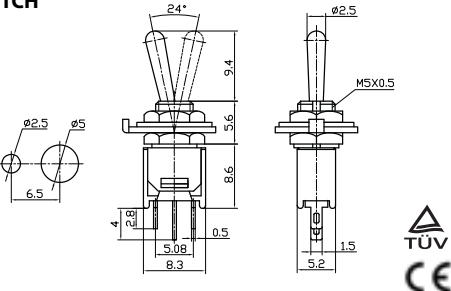
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SUB-MINI TOGGLE SWITCH



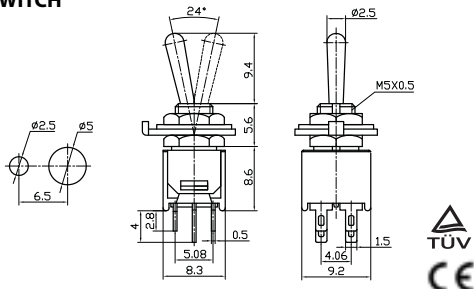
PART #	DESCRIPTION	RATING A	RATING B
66-1001	ON-OFF/SPST 2P	3 AMPS/125 VAC	1.5 AMPS/250 VAC

SUB-MINI TOGGLE SWITCH



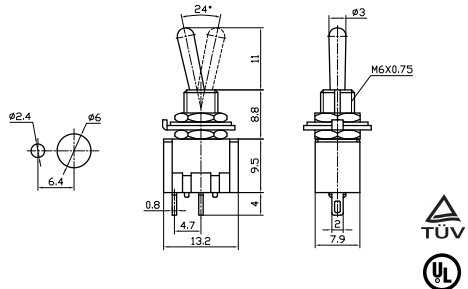
PART #	DESCRIPTION	RATING A	RATING B
66-1002	ON-ON/SPDT 3P	3 AMPS/125 VAC	1.5 AMPS/250 VAC
66-1003	ON-OFF-ON/SPDT 3P	3 AMPS/125 VAC	1.5 AMPS/250 VAC

SUB-MINI TOGGLE SWITCH



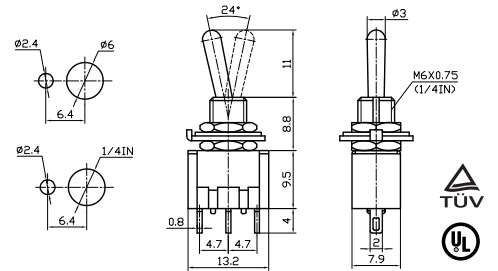
PART #	DESCRIPTION	RATING A	RATING B
66-1005	ON-ON/DPDT 6P	3 AMPS/125 VAC	1.5 AMPS/250 VAC
66-1006	ON-OFF-ON/DPDT 6P	3 AMPS/125 VAC	1.5 AMPS/250 VAC

MINI TOGGLE SWITCH



PART #	DESCRIPTION	RATING A	RATING B
66-1201	ON-OFF/SPST 2P	6 AMPS/125 VAC	3 AMPS/250 VAC

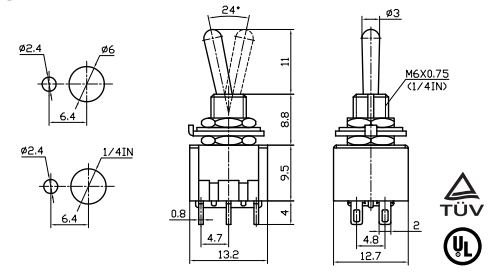
MINI TOGGLE SWITCH



(ON) = Momentary

PART #	DESCRIPTION	RATING A	RATING B
66-1202	ON-ON/SPDT 3P	6 AMPS/125 VAC	3 AMPS/250 VAC
66-1203	ON-OFF-ON/SPDT 3P	6 AMPS/125 VAC	3 AMPS/250 VAC
66-1250	(ON)-OFF-(ON)/SPDT 3P	6 AMPS/125 VAC	3 AMPS/250 VAC

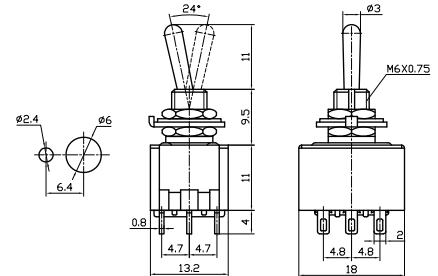
MINI TOGGLE SWITCH



(ON) = Momentary

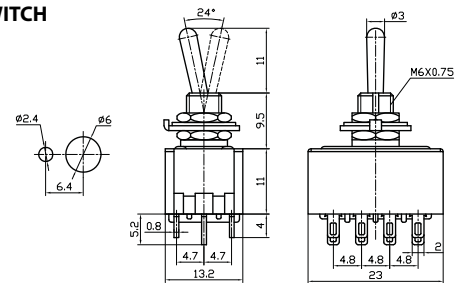
PART #	DESCRIPTION	RATING A	RATING B
66-1205	ON-ON/DPDT 6P	6 AMPS/125 VAC	3 AMPS/250 VAC
66-1206	ON-OFF-ON/DPDT 6P	6 AMPS/125 VAC	3 AMPS/250 VAC
66-1251	(ON)-OFF-(ON)/DPDT 6P	6 AMPS/125 VAC	3 AMPS/250 VAC
66-1255	ON-OFF-(ON)/DPDT 6P	6 AMPS/125 VAC	3 AMPS/250 VAC

MINI TOGGLE SWITCH



PART #	DESCRIPTION	RATING A	RATING B
66-1210	ON-ON/3PDT 9P	6 AMPS/125 VAC	3 AMPS/250 VAC
66-1215	ON-OFF-ON/3PDT 9P	6 AMPS/125 VAC	3 AMPS/250 VAC

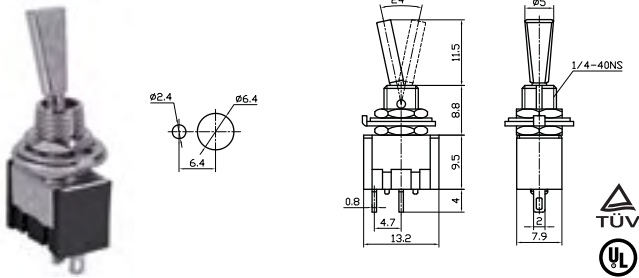
MINI TOGGLE SWITCH



PART #	DESCRIPTION	RATING A	RATING B
66-1220	ON-ON/4PDT 12P	6 AMPS/125 VAC	3 AMPS/250 VAC

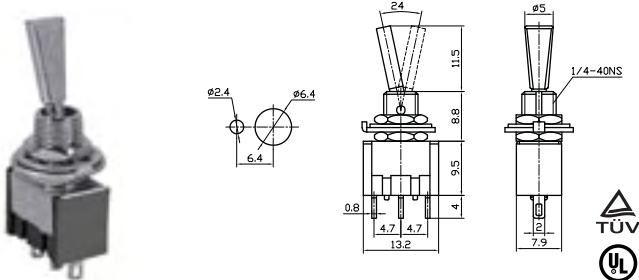
# SWITCHES

## MINI TOGGLE SWITCH



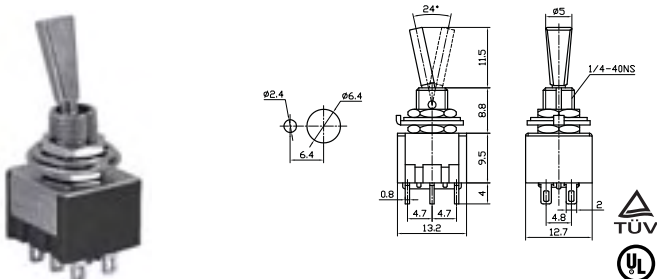
PART #	DESCRIPTION	RATING A	RATING B
66-1225	ON-OFF/SPST 2P	6 AMPS/125 VAC	3 AMPS/250 VAC

## MINI TOGGLE SWITCH



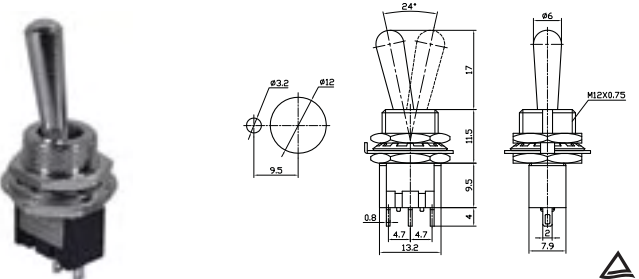
PART #	DESCRIPTION	RATING A	RATING B
66-1226	ON-ON/SPDT 3P	6 AMPS/125 VAC	3 AMPS/250 VAC
66-1227	ON-OFF-ON/SPDT 3P	6 AMPS/125 VAC	3 AMPS/250 VAC

## MINI TOGGLE SWITCH



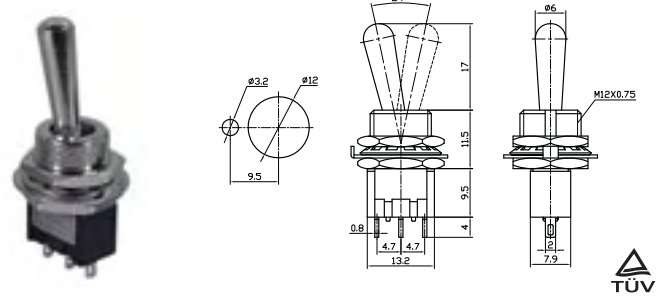
PART #	DESCRIPTION	RATING A	RATING B
66-1228	ON-ON/DPDT 6P	6 AMPS/125 VAC	3 AMPS/250 VAC
66-1229	ON-OFF-ON/DPDT 6P	6 AMPS/125 VAC	3 AMPS/250 VAC

## MINI TOGGLE SWITCH



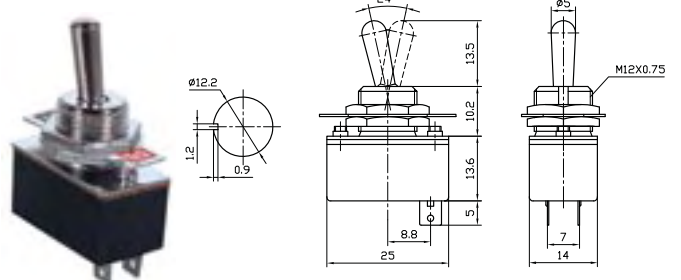
PART #	DESCRIPTION	RATING A	RATING B
66-1230	ON-OFF/SPST 2P	6 AMPS/125 VAC	3 AMPS/250 VAC

## MINI TOGGLE SWITCH



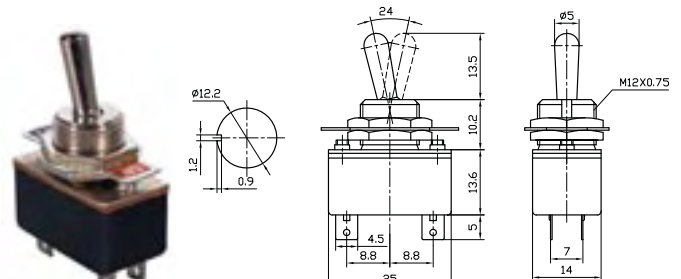
PART #	DESCRIPTION	RATING A	RATING B
66-1231	ON-ON/SPDT 3P	6 AMPS/125 VAC	3 AMPS/250 VAC
66-1232	ON-OFF-ON/SPDT 3P	6 AMPS/125 VAC	3 AMPS/250 VAC

## STANDARD DUTY TOGGLE SWITCH



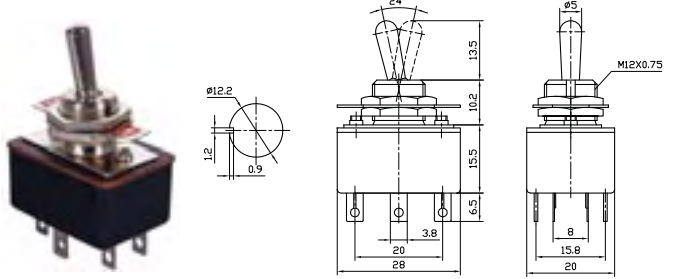
PART #	DESCRIPTION	RATING A	RATING B
66-1401	ON-OFF/SPST 2P	4 AMPS/125 VAC	2 AMPS/250 VAC
66-1501	ON-OFF/SPST 2P Pre-wired	4 AMPS/125 VAC	2 AMPS/250 VAC

## STANDARD DUTY TOGGLE SWITCH



PART #	DESCRIPTION	RATING A	RATING B
66-1402	ON-ON/SPDT 4P	4 AMPS/125 VAC	2 AMPS/250 VAC

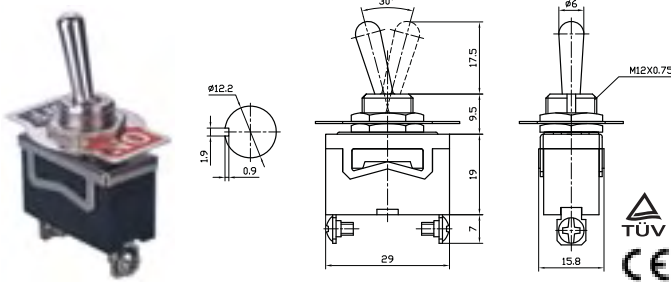
## STANDARD DUTY TOGGLE SWITCH



PART #	DESCRIPTION	RATING A	RATING B
66-1405	ON-ON/DPDT 6P	5 AMPS/125 VAC	3 AMPS/250 VAC

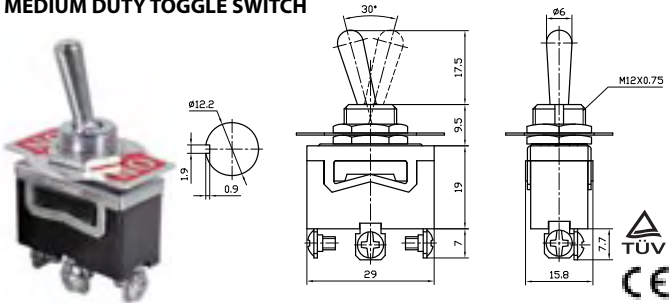


**MEDIUM DUTY TOGGLE SWITCH**



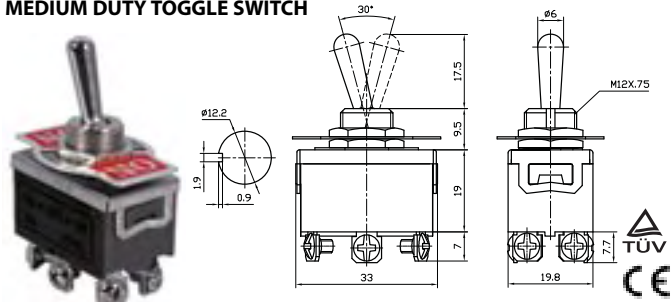
PART #	DESCRIPTION	RATING A	RATING B
66-1620	ON-OFF/SPST 2P	10 AMPS/125 VAC	6 AMPS/250 VAC

**MEDIUM DUTY TOGGLE SWITCH**



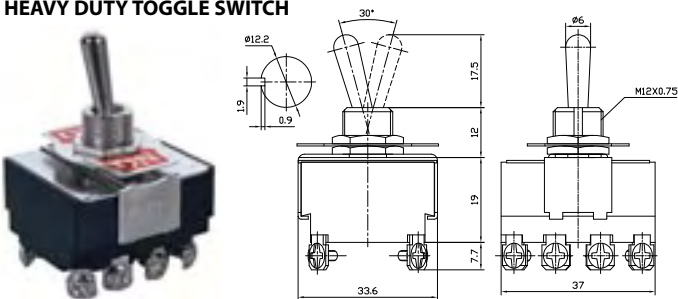
PART #	DESCRIPTION	RATING A	RATING B
66-1621	ON-ON/SPDT 3P	10 AMPS/125 VAC	6 AMPS/250 VAC
66-1622	ON-OFF-ON/SPDT 3P	10 AMPS/125 VAC	6 AMPS/250 VAC

**MEDIUM DUTY TOGGLE SWITCH**



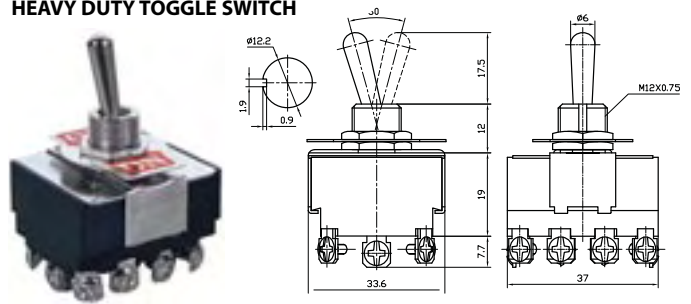
PART #	DESCRIPTION	RATING A	RATING B
66-1623	ON-ON/DPDT 6P	10 AMPS/125 VAC	6 AMPS/250 VAC
66-1624	ON-OFF-ON/DPDT 6P	10 AMPS/125 VAC	6 AMPS/250 VAC

**HEAVY DUTY TOGGLE SWITCH**



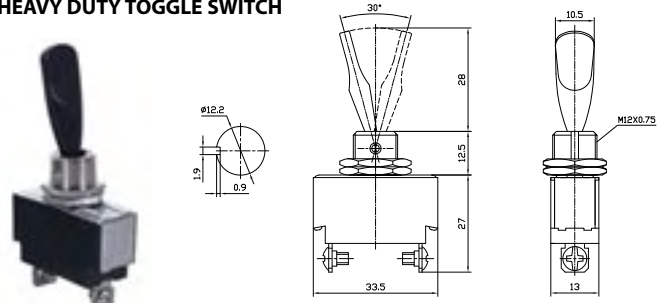
PART #	DESCRIPTION	RATING A	RATING B
66-1810	ON-OFF/4PST 8P	15 AMPS/125 VAC	10 AMPS/250 VAC

**HEAVY DUTY TOGGLE SWITCH**



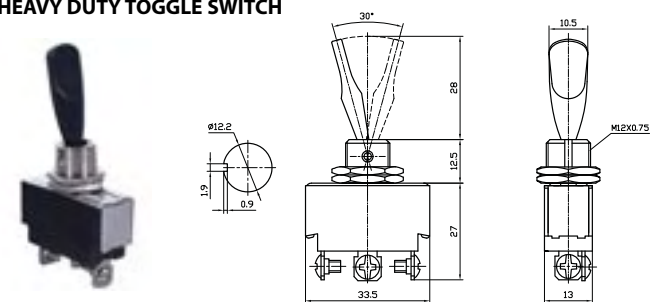
PART #	DESCRIPTION	RATING A	RATING B
66-1811	ON-ON/4PDT 12P	15 AMPS/125 VAC	10 AMPS/250 VAC
66-1815	ON-OFF-ON/4PDT 12P	15 AMPS/125 VAC	10 AMPS/250 VAC

**HEAVY DUTY TOGGLE SWITCH**



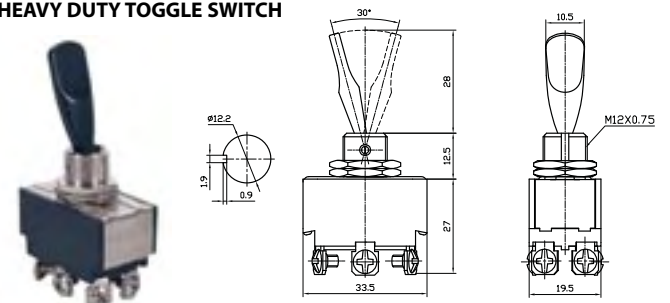
PART #	DESCRIPTION	RATING A	RATING B
66-1820	ON-OFF/SPST 2P	15 AMPS/125 VAC	10 AMPS/250 VAC

**HEAVY DUTY TOGGLE SWITCH**



PART #	DESCRIPTION	RATING A	RATING B
66-1821	ON-ON/SPDT 3P	15 AMPS/125 VAC	10 AMPS/250 VAC
66-1822	ON-OFF-ON/SPDT 3P	15 AMPS/125 VAC	10 AMPS/250 VAC

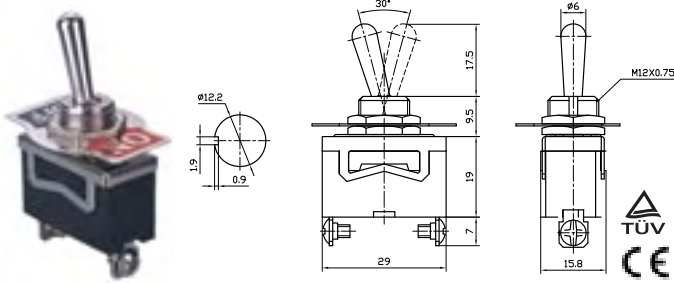
**HEAVY DUTY TOGGLE SWITCH**



PART #	DESCRIPTION	RATING A	RATING B
66-1823	ON-ON/DPDT 6P	15 AMPS/125 VAC	10 AMPS/250 VAC
66-1824	ON-OFF-ON/DPDT 6P	15 AMPS/125 VAC	10 AMPS/250 VAC

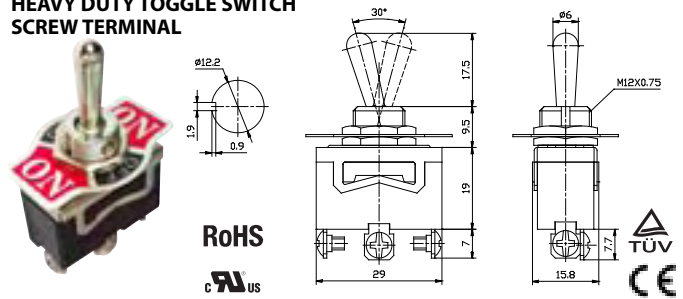
# SWITCHES

## HEAVY DUTY TOGGLE SWITCH



PART #	DESCRIPTION	RATING A	RATING B
66-1801	ON-OFF/SPST 2P	20 AMPS/125 VAC	15 AMPS/250 VAC

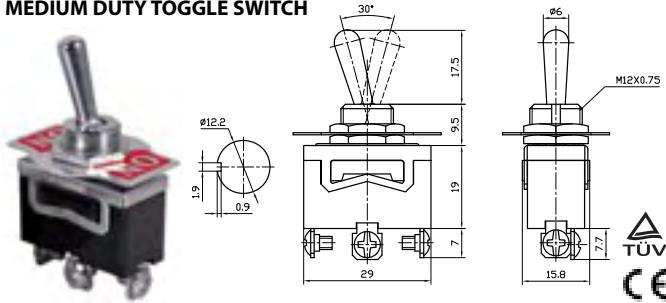
## HEAVY DUTY TOGGLE SWITCH SCREW TERMINAL



(ON) = Momentary

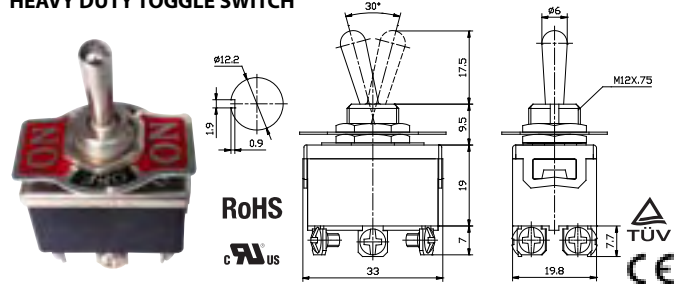
PART #	DESCRIPTION	RATING A	RATING B
66-1850	(ON)-OFF-(ON)/SPDT 3P	20 AMPS/125 VAC	15 AMPS/250 VAC

## MEDIUM DUTY TOGGLE SWITCH



PART #	DESCRIPTION	RATING A	RATING B
66-1802	ON-ON/SPDT 3P	20 AMPS/125 VAC	15 AMPS/250 VAC
66-1803	ON-OFF-ON/SPDT 3P	20 AMPS/125 VAC	15 AMPS/250 VAC

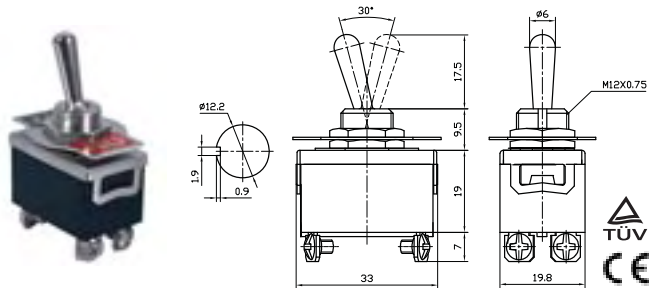
## HEAVY DUTY TOGGLE SWITCH



(ON) = Momentary

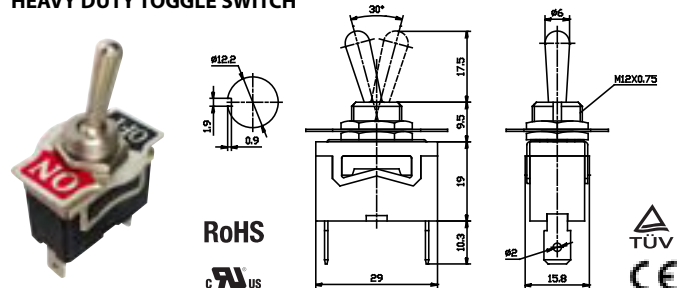
PART #	DESCRIPTION	RATING A	RATING B
66-1851	(ON)-OFF-(ON)/DPDT 6P	20 AMPS/125 VAC	15 AMPS/250 VAC
66-1855	ON-OFF-(ON)/DPDT 6P	20 AMPS/125 VAC	15 AMPS/250 VAC

## HEAVY DUTY TOGGLE SWITCH



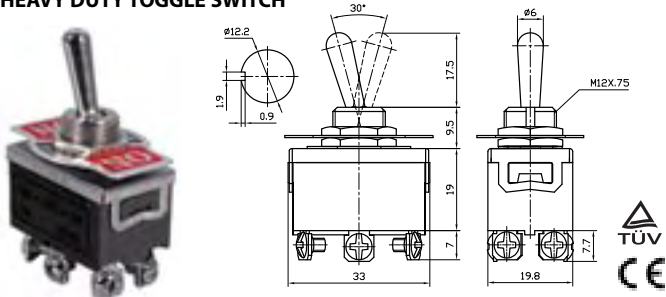
PART #	DESCRIPTION	RATING A	RATING B
66-1804	ON-OFF/DPST 4P	20 AMPS/125 VAC	15 AMPS/250 VAC

## HEAVY DUTY TOGGLE SWITCH



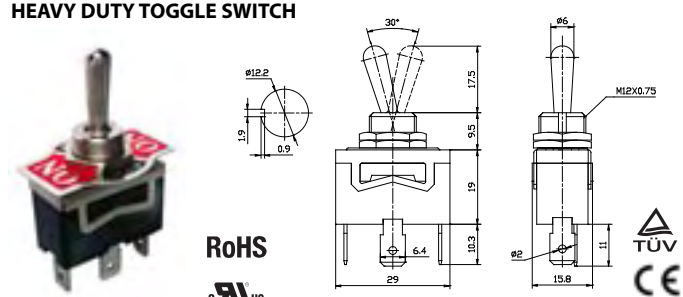
PART #	DESCRIPTION	RATING A	RATING B
66-1901	ON-OFF/SPST 2P	20 AMPS/125 VAC	15 AMPS/250 VAC

## HEAVY DUTY TOGGLE SWITCH



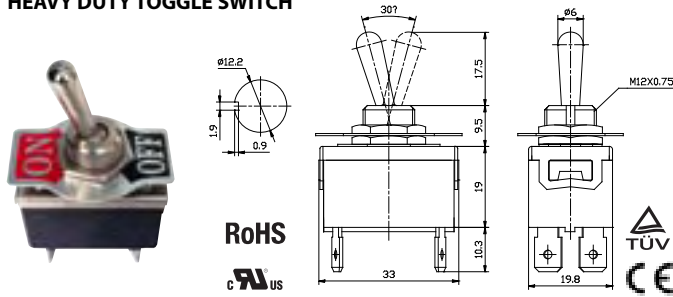
PART #	DESCRIPTION	RATING A	RATING B
66-1805	ON-ON/DPDT 6P	20 AMPS/125 VAC	15 AMPS/250 VAC
66-1806	ON-OFF-ON/DPDT 6P	20 AMPS/125 VAC	15 AMPS/250 VAC

## HEAVY DUTY TOGGLE SWITCH



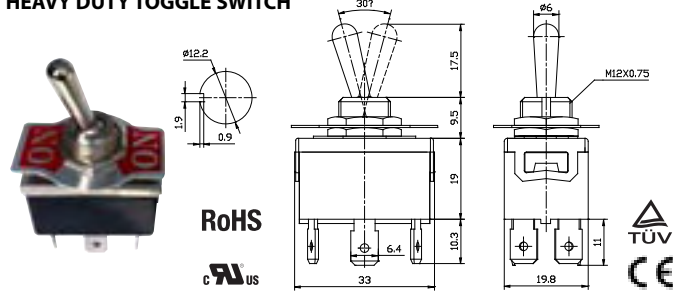
PART #	DESCRIPTION	RATING A	RATING B
66-1902	ON-ON/SPDT 3P	20 AMPS/125 VAC	15 AMPS/250 VAC
66-1903	ON-OFF-ON/SPDT 3P	20 AMPS/125 VAC	15 AMPS/250 VAC

**HEAVY DUTY TOGGLE SWITCH**



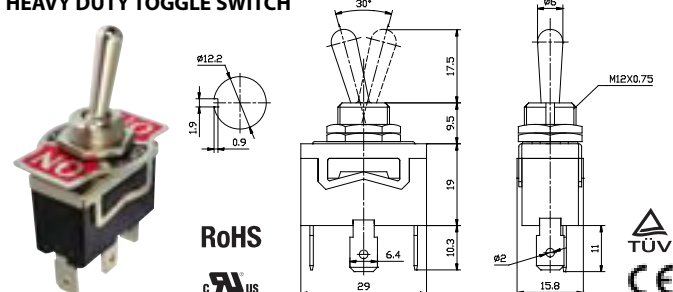
PART #	DESCRIPTION	RATING A	RATING B
66-1904	ON-OFF/DPST 4P	20 AMPS/125 VAC	15 AMPS/250 VAC

**HEAVY DUTY TOGGLE SWITCH**



PART #	DESCRIPTION	RATING A	RATING B
66-1905	ON-ON/DPDT 6P	20 AMPS/125 VAC	15 AMPS/250 VAC
66-1906	ON-OFF-ON/DPDT 6P	20 AMPS/125 VAC	15 AMPS/250 VAC

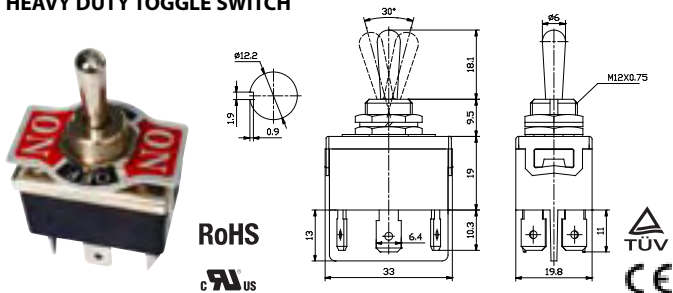
**HEAVY DUTY TOGGLE SWITCH**



(ON) = Momentary

PART #	DESCRIPTION	RATING A	RATING B
66-1950	(ON)-OFF-(ON)/SPDT 3P	20 AMPS/125 VAC	15 AMPS/250 VAC

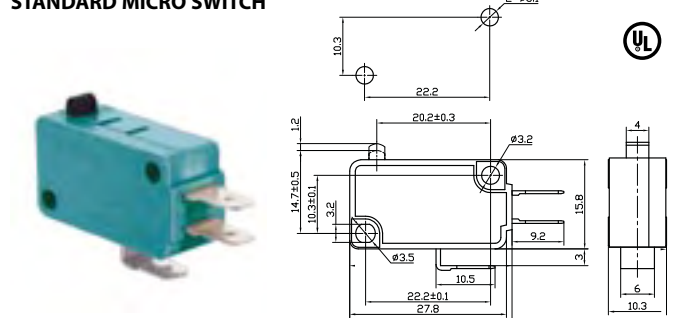
**HEAVY DUTY TOGGLE SWITCH**



(ON) = Momentary

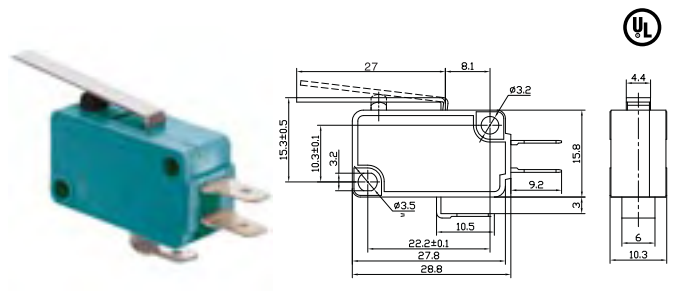
PART #	DESCRIPTION	RATING A	RATING B
66-1951	(ON)-OFF-(ON)/DPDT 3P	20 AMPS/125 VAC	15 AMPS/250 VAC
66-1955	ON-OFF-(ON)/DPDT 3P	20 AMPS/125 VAC	15 AMPS/250 VAC

**STANDARD MICRO SWITCH**



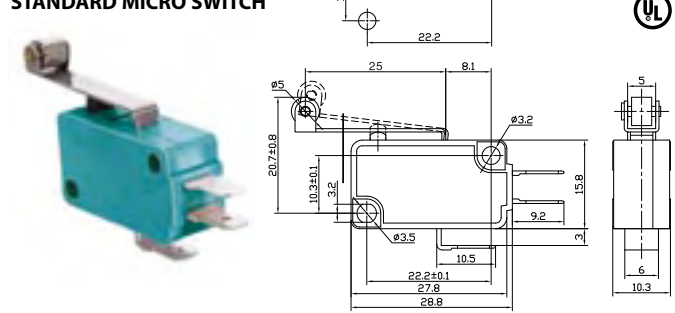
PART #	DESCRIPTION	RATING A	RATING B
66-4000	ON-(ON)/NO/NC 3P	10 AMPS/125 VAC	10 AMPS/250 VAC

**STANDARD MICRO SWITCH**



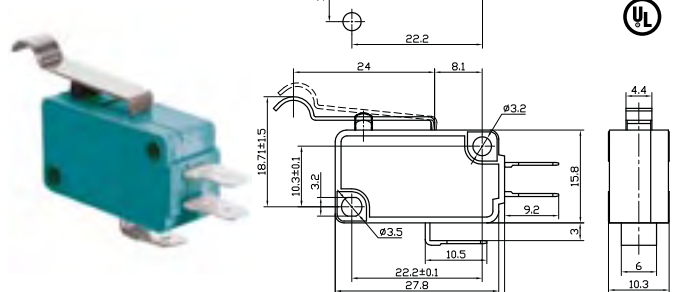
PART #	DESCRIPTION	RATING A	RATING B
66-4001	ON-(ON)/NO/NC 3P	10 AMPS/125 VAC	10 AMPS/250 VAC

**STANDARD MICRO SWITCH**



PART #	DESCRIPTION	RATING A	RATING B
66-4002	ON-(ON)/NO/NC 3P	10 AMPS/125 VAC	10 AMPS/250 VAC

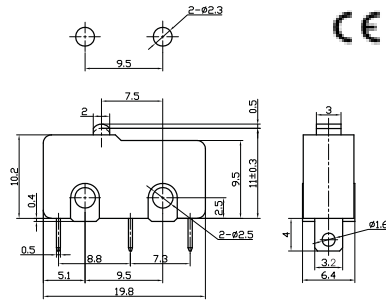
**STANDARD MICRO SWITCH**



PART #	DESCRIPTION	RATING A	RATING B
66-4003	ON-(ON)/NO/NC 3P	10 AMPS/125 VAC	10 AMPS/250 VAC

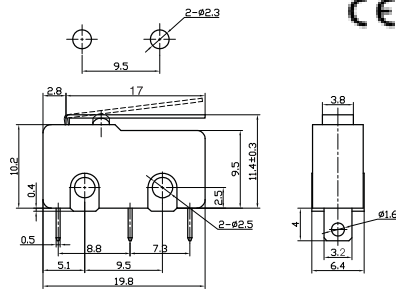
# SWITCHES

## MINI MICRO SWITCH



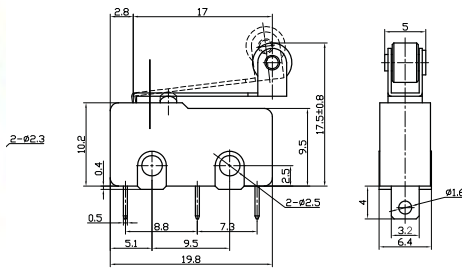
PART #	DESCRIPTION	RATING A	RATING B
66-4010	ON-(ON)/NO/NC 3P	5 AMPS/125 VAC	5 AMPS/250 VAC

## MINI MICRO SWITCH



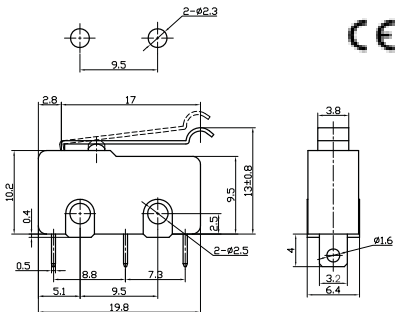
PART #	DESCRIPTION	RATING A	RATING B
66-4011	ON-(ON)/NO/NC 3P	5 AMPS/125 VAC	5 AMPS/250 VAC

## MINI MICRO SWITCH



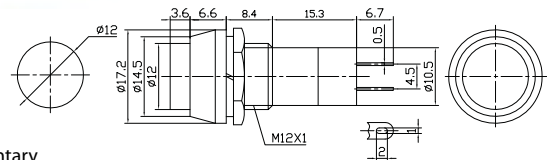
PART #	DESCRIPTION	RATING A	RATING B
66-4012	ON-(ON)/NO/NC 3P	5 AMPS/125 VAC	5 AMPS/250 VAC

## MINI MICRO SWITCH



PART #	DESCRIPTION	RATING A	RATING B
66-4013	ON-(ON)/NO/NC 3P	5 AMPS/125 VAC	5 AMPS/250 VAC

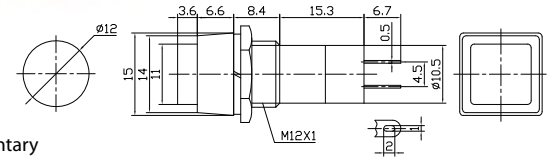
## PUSH BUTTON SWITCH



(ON) = Momentary

PART #	DESCRIPTION	RATING A	RATING B
66-2445	ON-OFF/SPST 2P	3 AMPS/125 VAC	1 AMPS/250 VAC
66-2446	OFF-(ON)/SPST 2P	3 AMPS/125 VAC	1 AMPS/250 VAC

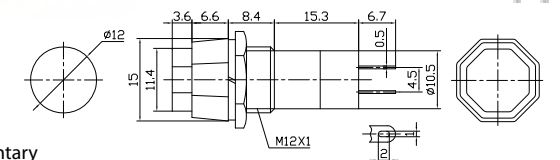
## PUSH BUTTON SWITCH



(ON) = Momentary

PART #	DESCRIPTION	RATING A	RATING B
66-2402	ON-OFF/SPST 2P	3 AMPS/125 VAC	1 AMPS/250 VAC
66-2404	OFF-(ON)/SPST 2P	3 AMPS/125 VAC	1 AMPS/250 VAC

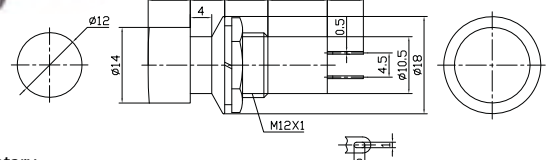
## PUSH BUTTON SWITCH



(ON) = Momentary

PART #	DESCRIPTION	RATING A	RATING B
66-2450	ON-OFF/SPST 2P	3 AMPS/125 VAC	1 AMPS/250 VAC
66-2451	OFF-(ON)/SPST 2P	3 AMPS/125 VAC	1 AMPS/250 VAC

## PUSH BUTTON SWITCH

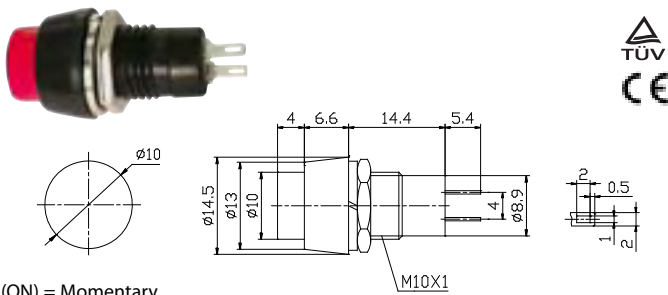


(ON) = Momentary

PART #	DESCRIPTION	RATING A	RATING B
66-2406	BLACK ON-OFF/SPST 2P	3 AMPS/125 VAC	1 AMPS/250 VAC
66-2407	BLACK OFF-(ON)/SPST 2P	3 AMPS/125 VAC	1 AMPS/250 VAC
66-2408	RED ON-OFF/SPST 2P	3 AMPS/125 VAC	1 AMPS/250 VAC
66-2410	RED OFF-(ON)/SPST 2P	3 AMPS/125 VAC	1 AMPS/250 VAC



**PUSH BUTTON SWITCH**

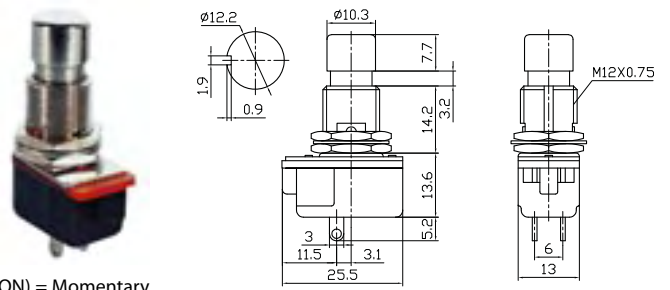


(ON) = Momentary

PART #	DESCRIPTION	RATING A	RATING B
66-2465	ON-OFF/SPST 2P	3 AMPS/125 VAC	1 AMPS/250 VAC
66-2466	OFF-(ON)/SPST 2P	3 AMPS/125 VAC	1 AMPS/250 VAC



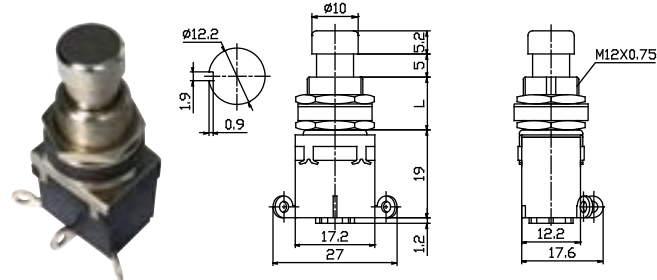
**PUSH BUTTON SWITCH**



(ON) = Momentary

PART #	DESCRIPTION	RATING A	RATING B
66-2432	OFF-(ON)/SPST 2P	10 AMPS/125 VAC	6 AMPS/250 VAC

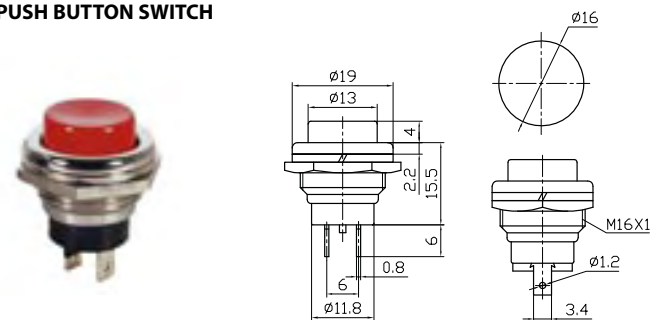
**PUSH BUTTON SWITCH**



(OFF) = Momentary

PART #	DESCRIPTION	RATING A	RATING B
66-2460	ON-ON/SPDT 3P	2 AMPS/125 VAC	4 AMPS/250 VAC
66-2461	ON-(OFF)/SPST 3P	2 AMPS/125 VAC	4 AMPS/250 VAC

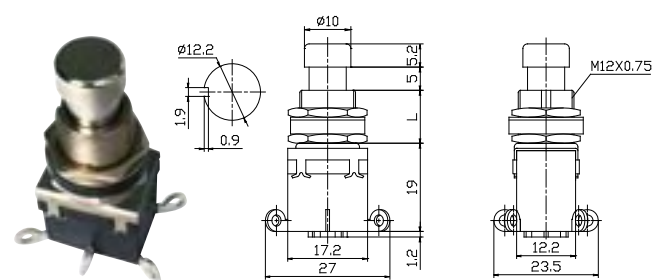
**PUSH BUTTON SWITCH**



(OFF) = Momentary

PART #	DESCRIPTION	RATING A	RATING B
66-2420	RED ON-(OFF)/SPST 2P	4 AMPS/125 VAC	2 AMPS/250 VAC
66-2422	BLACK ON-(OFF)/SPST 2P	4 AMPS/125 VAC	2 AMPS/250 VAC
66-2424	BLUE ON-(OFF)/SPST 2P	4 AMPS/125 VAC	2 AMPS/250 VAC
66-2426	GREEN ON-(OFF)/SPST 2P	4 AMPS/125 VAC	2 AMPS/250 VAC
66-2428	YELLOW ON-(OFF)/SPST 2P	4 AMPS/125 VAC	2 AMPS/250 VAC

**PUSH BUTTON SWITCH**



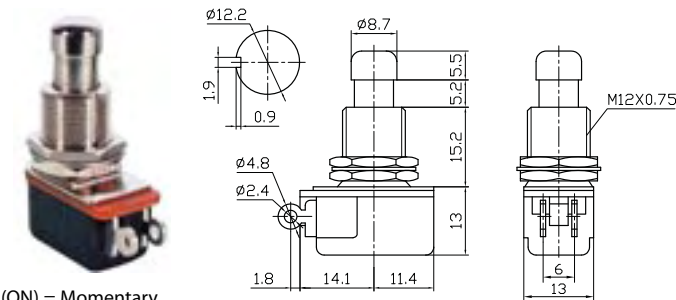
(OFF) = Momentary

PART #	DESCRIPTION	RATING A	RATING B
66-2462	ON-ON/DPDT 6P	2 AMPS/125 VAC	4 AMPS/250 VAC
66-2463	ON-(OFF)/DPDT 6P	2 AMPS/125 VAC	4 AMPS/250 VAC

(ON) = Momentary

PART #	DESCRIPTION	RATING A	RATING B
66-2421	RED OFF-(ON)/SPST 2P	4 AMPS/125 VAC	2 AMPS/250 VAC
66-2423	BLACK OFF-(ON)/SPST 2P	4 AMPS/125 VAC	2 AMPS/250 VAC
66-2425	BLUE OFF-(ON)/SPST 2P	4 AMPS/125 VAC	2 AMPS/250 VAC
66-2427	GREEN OFF-(ON)/SPST 2P	4 AMPS/125 VAC	2 AMPS/250 VAC
66-2429	YELLOW OFF-(ON)/SPST 2P	4 AMPS/125 VAC	2 AMPS/250 VAC

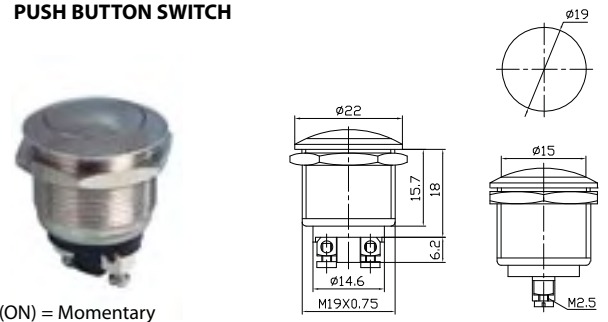
**PUSH BUTTON SWITCH**



(ON) = Momentary

PART #	DESCRIPTION	RATING A	RATING B
66-2430	OFF-(ON)/SPST 2P	4 AMPS/125 VAC	2 AMPS/250 VAC

**PUSH BUTTON SWITCH**

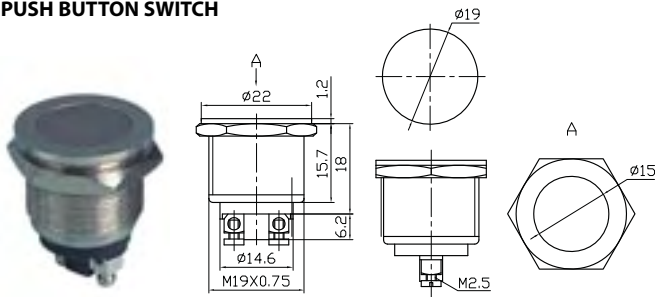


(ON) = Momentary

PART #	DESCRIPTION	RATING A	RATING B
66-2434	OFF-(ON)/SPST 2P	4 AMPS/125 VAC	2 AMPS/250 VAC

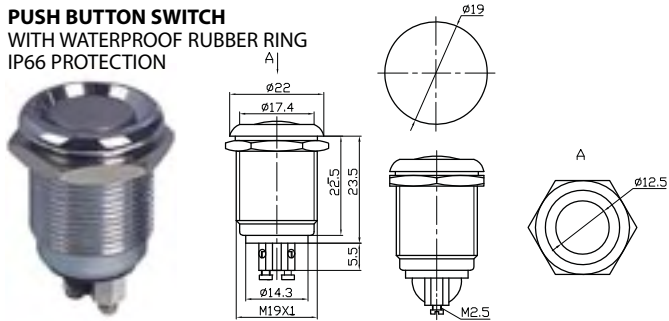
# SWITCHES

## PUSH BUTTON SWITCH



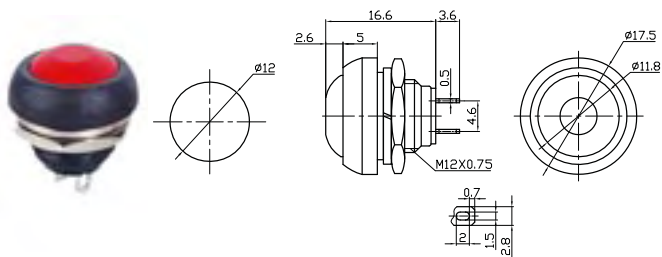
PART #	DESCRIPTION	RATING A	RATING B
66-2436	OFF-(ON)/SPST 2P	4 AMPS/125 VAC	2 AMPS/250 VAC

## PUSH BUTTON SWITCH WITH WATERPROOF RUBBER RING IP66 PROTECTION



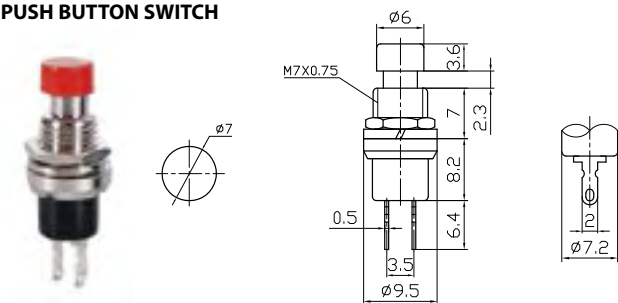
PART #	DESCRIPTION	RATING A	RATING B
66-2438	OFF-(ON)/SPST 2P/IP66	4 AMPS/125 VAC	2 AMPS/250 VAC

## PUSH BUTTON SWITCH



PART #	DESCRIPTION	RATING A	RATING B
66-2440 BK	OFF-(ON)/SPST 2P	3 AMPS/125 VAC	1 AMP/250 VAC
66-2441 RED	OFF-(ON)/SPST 2P	3 AMPS/125 VAC	1 AMP/250 VAC
66-2442 BLU	OFF-(ON)/SPST 2P	3 AMPS/125 VAC	1 AMP/250 VAC
66-2443 GN	OFF-(ON)/SPST 2P	3 AMPS/125 VAC	1 AMP/250 VAC
66-2444 YW	OFF-(ON)/SPST 2P	3 AMPS/125 VAC	1 AMP/250 VAC

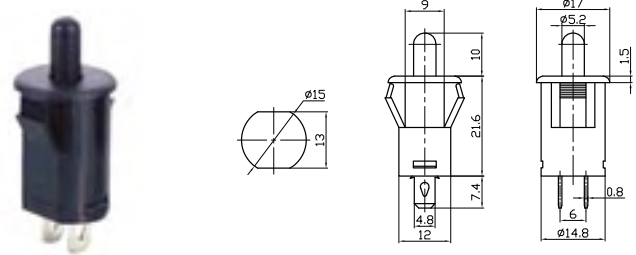
## PUSH BUTTON SWITCH



\* BLACK BUTTON

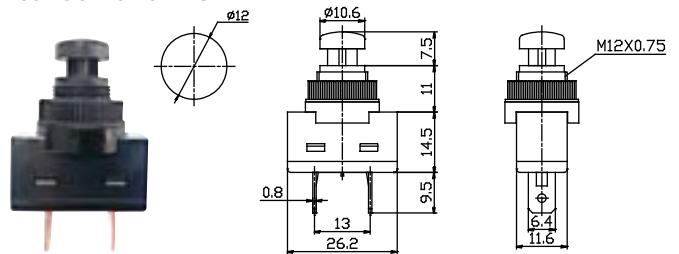
PART #	DESCRIPTION	RATING A	RATING B
66-2412	OFF-(ON)/SPST 2P	3 AMPS/125 VAC	1 AMPS/250 VAC
66-2414*	ON-(OFF)/SPST 2P	3 AMPS/125 VAC	1 AMPS/250 VAC

## PUSH BUTTON SWITCH



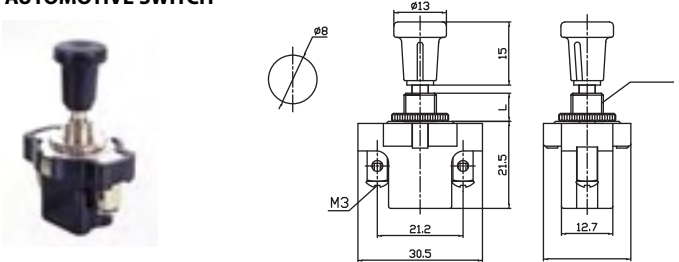
PART #	DESCRIPTION	RATING A	RATING B
66-2475	OFF-(ON)/SPST 2P	3 AMPS/125 VAC	1 AMPS/250 VAC

## PUSH BUTTON SWITCH



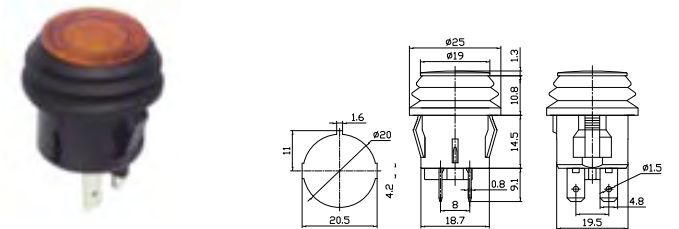
PART #	DESCRIPTION	RATING A	RATING B
66-2468	(ON)-OFF	20 AMPS/12 VDC	10 AMPS/125 VAC

## AUTOMOTIVE SWITCH



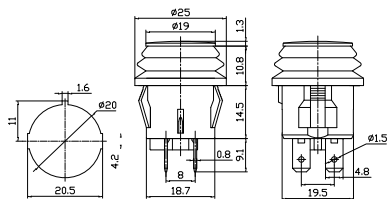
PART #	DESCRIPTION	RATING A	RATING B
66-2301	(L=7,13,20) SPST 2P	10AMPS/12VDC	6 AMPS/30 VDC

## AUTOMOTIVE SWITCH



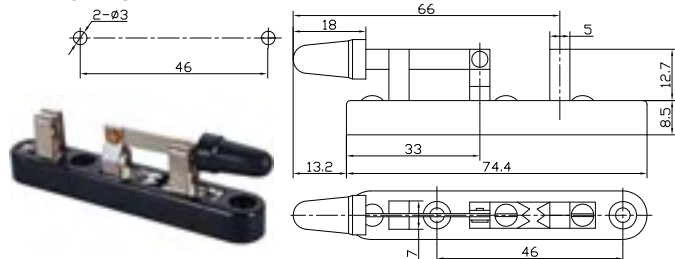
PART #	DESCRIPTION	RATING A	RATING B
66-2490 RED	ON-OFF	20 AMPS/12VDC	-
66-2491 BLUE	ON-OFF	20 AMPS/12VDC	-
66-2492 GREEN	ON-OFF	20 AMPS/12VDC	-
66-2493 AMBER	ON-OFF	20 AMPS/12VDC	-

**AUTOMOTIVE SWITCH**



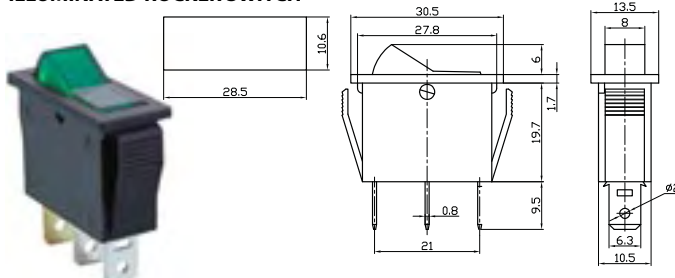
PART #	DESC.	RATING A	RATING B
66-2495 RED	ON-OFF	10 AMPS/110VAC	6 AMPS/250VAC
66-2496 BLUE	ON-OFF	10 AMPS/110VAC	6 AMPS/250VAC
66-2497 GREEN	ON-OFF	10 AMPS/110VAC	6 AMPS/250VAC
66-2498 AMBER	ON-OFF	10 AMPS/110VAC	6 AMPS/250VAC

**KNIFE SWITCH**



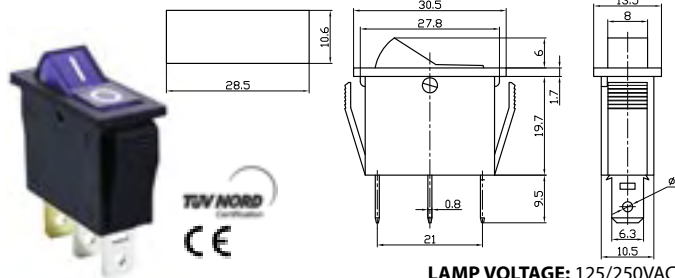
PART #	DESCRIPTION	RATING B
66-2820	ON-ON/SPDT	10 AMPS/12VDC

**ILLUMINATED ROCKER SWITCH**



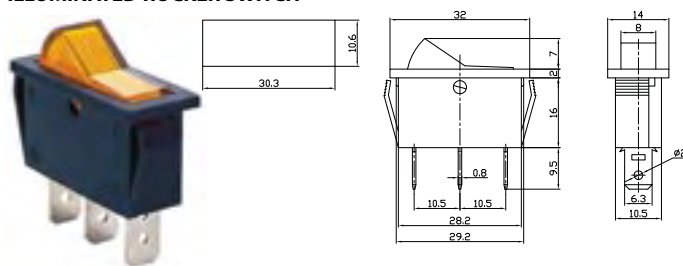
PART #	DESCRIPTION	RATING A	LAMP VOLTAGE
66-2237 AMBER	ON-OFF/SPST 3P	35 AMPS/12VDC	12VDC
66-2238 BLUE	ON-OFF/SPST 3P	35 AMPS/12VDC	12VDC
66-2239 GREEN	ON-OFF/SPST 3P	35 AMPS/12VDC	12VDC
66-2240 RED	ON-OFF/SPST 3P	35 AMPS/12VDC	12VDC

**ILLUMINATED ROCKER SWITCH**



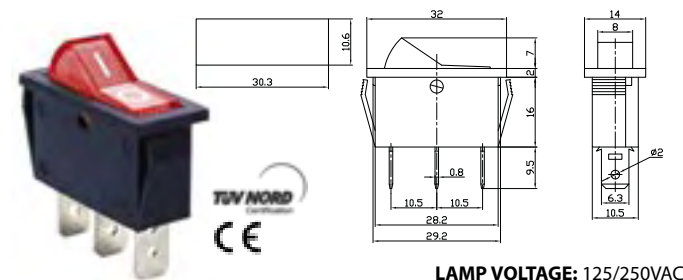
PART #	DESCRIPTION	RATING A	RATING B
66-2217 AMBER	ON-OFF/SPST 3P	20 AMPS/125VAC	15 AMPS/250VAC
66-2218 BLUE	ON-OFF/SPST 3P	20 AMPS/125VAC	15 AMPS/250VAC
66-2219 GREEN	ON-OFF/SPST 3P	20 AMPS/125VAC	15 AMPS/250VAC
66-2220 RED	ON-OFF/SPST 3P	20 AMPS/125VAC	15 AMPS/250VAC

**ILLUMINATED ROCKER SWITCH**



PART #	DESCRIPTION	RATING A	LAMP VOLTAGE
66-2207 AMBER	ON-OFF/SPST 3P	35 AMPS/12VDC	12VDC
66-2208 BLUE	ON-OFF/SPST 3P	35 AMPS/12VDC	12VDC
66-2209 GREEN	ON-OFF/SPST 3P	35 AMPS/12VDC	12VDC
66-2210 RED	ON-OFF/SPST 3P	35 AMPS/12VDC	12VDC

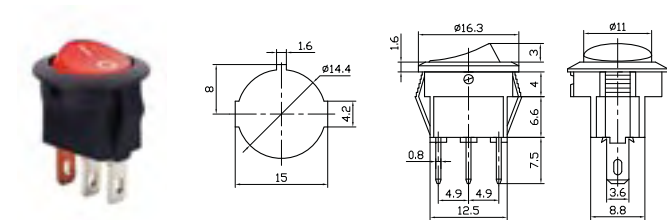
**ILLUMINATED ROCKER SWITCH**



LAMP VOLTAGE: 125/250VAC

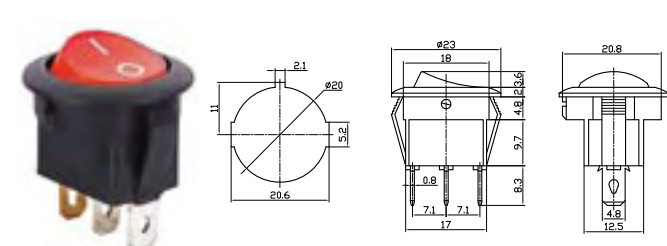
PART #	DESCRIPTION	RATING A	RATING B
66-2200 AMBER	ON-OFF/SPST 3P	20 AMPS/125VAC	15 AMPS/250VAC
66-2201 BLUE	ON-OFF/SPST 3P	20 AMPS/125VAC	15 AMPS/250VAC
66-2202 GREEN	ON-OFF/SPST 3P	20 AMPS/125VAC	15 AMPS/250VAC
66-2203 RED	ON-OFF/SPST 3P	20 AMPS/125VAC	15 AMPS/250VAC

**ILLUMINATED MINI ROCKER SWITCH**



PART #	DESCRIPTION	RATING A	RATING B
66-2290 RED	ON-OFF/SPST 3P	6 AMPS/12VDC	—
66-2293 RED	ON-OFF/SPST 3P	3 AMPS/125 VAC	1 AMP/250 VAC

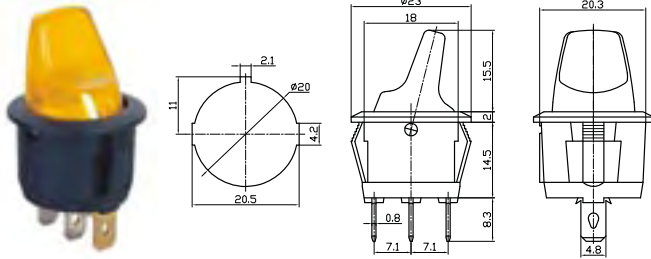
**ILLUMINATED ROCKER SWITCH**



PART #	DESCRIPTION	RATING A	RATING B
66-2291 RED	ON-OFF/SPST 3P	20 AMPS/12VDC	—
66-2292 RED	ON-OFF/SPST 3P	13 AMPS/125 VAC	6.5 AMP/250 VAC

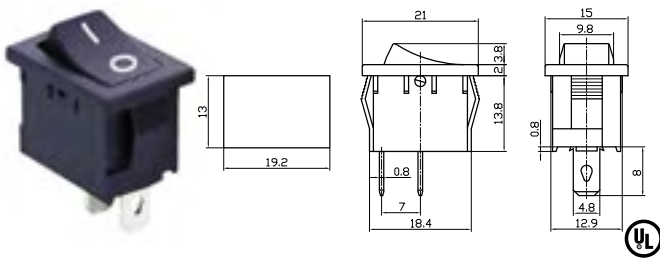
# SWITCHES

## ILLUMINATED ROCKER SWITCH



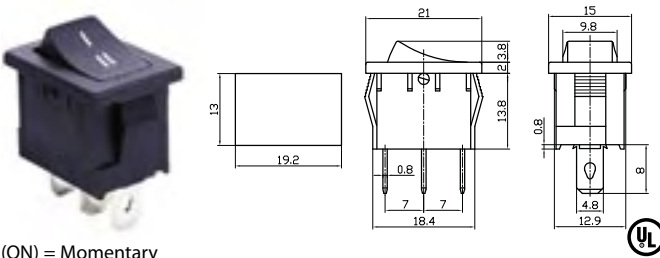
PART #	DESCRIPTION	RATING A	LAMP VOLTAGE
66-2040 AMBER	ON-OFF/SPST 3P	20 AMPS/12VDC	12VDC
66-2041 BLUE	ON-OFF/SPST 3P	20 AMPS/12VDC	12VDC
66-2042 GREEN	ON-OFF/SPST 3P	20 AMPS/12VDC	12VDC
66-2043 RED	ON-OFF/SPST 3P	20 AMPS/12VDC	12VDC

## ROCKER SWITCH



PART #	DESCRIPTION	RATING A	RATING B
66-2245	ON-OFF/SPST 2P	10 AMPS/125 VAC	6 AMPS/250 VAC

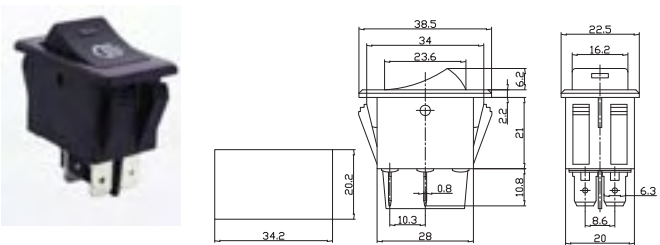
## ROCKER SWITCH



(ON) = Momentary

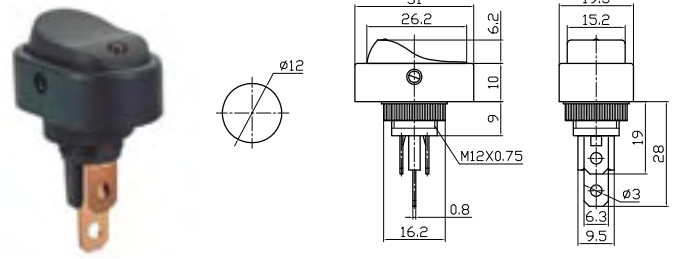
PART #	DESCRIPTION	RATING A	RATING B
66-2246	ON-ON/SPDT 3P	10 AMPS/125VAC	6 AMPS/250VAC
66-2247	ON-OFF-ON/SPDT 3P	10 AMPS/125VAC	6 AMPS/250VAC
66-2248	(ON)-OFF-(ON)/SPDT 3P	10 AMPS/125VAC	6 AMPS/250VAC

## ILLUMINATED AUTOMOTIVE SWITCH



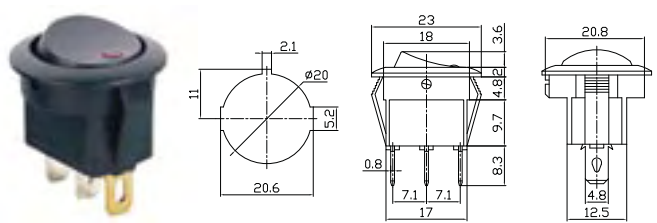
PART #	DESCRIPTION	RATING A
66-2294 AMBER	ON-OFF/DPST 4P	35 AMPS/12 VDC (WITH LAMP)
66-2295 RED	ON-OFF/DPST 4P	35 AMPS/12 VDC (WITH LAMP)
66-2296 BLUE	ON-OFF/DPST 4P	35 AMPS/12 VDC (WITH LAMP)
66-2297 GREEN	ON-OFF/DPST 4P	35 AMPS/12 VDC (WITH LAMP)

## ILLUMINATED LED AUTOMOTIVE SWITCH



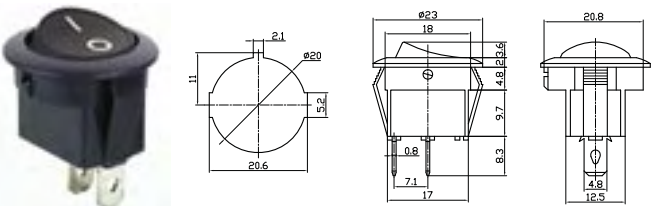
PART #	DESCRIPTION	RATING A	LAMP VOLTAGE
66-2280 AMBER	ON-OFF/SPST 3P	20 AMPS/12VDC	12VDC
66-2281 BLUE	ON-OFF/SPST 3P	20 AMPS/12VDC	12VDC
66-2282 GREEN	ON-OFF/SPST 3P	20 AMPS/12VDC	12VDC
66-2283 RED	ON-OFF/SPST 3P	20 AMPS/12VDC	12VDC

## ILLUMINATED LED AUTOMOTIVE SWITCH



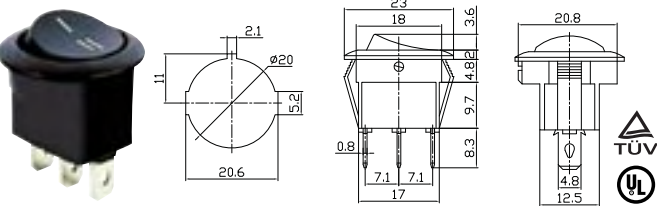
PART #	DESCRIPTION	RATING A	LAMP VOLTAGE
66-2285 AMBER	ON-OFF/SPST 3P	20 AMPS/12VDC	12VDC
66-2286BLUE	ON-OFF/SPST 3P	20 AMPS/12VDC	12VDC
66-2287 GREEN	ON-OFF/SPST 3P	20 AMPS/12VDC	12VDC
66-2288 RED	ON-OFF/SPST 3P	20 AMPS/12VDC	12VDC

## AUTOMOTIVE SWITCH



PART #	DESCRIPTION	RATING A	RATING B
66-2255	ON-OFF/SPST 2P	20 AMPS/12 VDC	10 AMPS/125 VAC

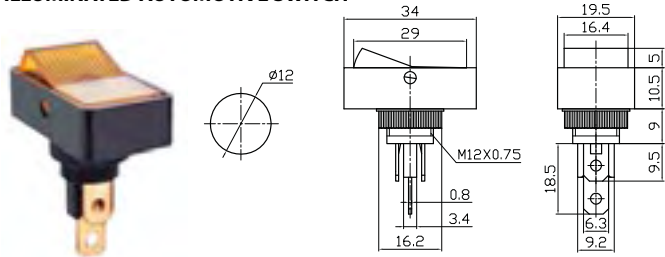
## AUTOMOTIVE SWITCH



PART #	DESCRIPTION	RATING A	RATING B
66-2256	ON-ON/SPST 3P	20 AMPS/12VDC	10 AMP/125 VAC
66-2257	ON-OFF-ON/SPST 3P	20 AMPS/12VDC	10 AMP/125 VAC

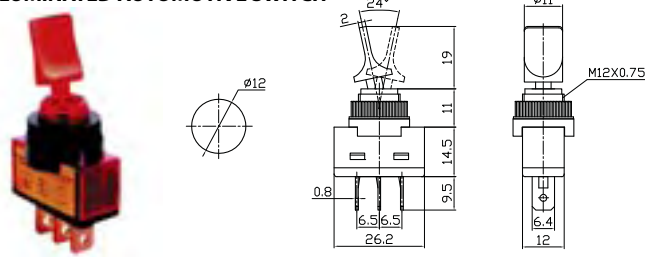


**ILLUMINATED AUTOMOTIVE SWITCH**



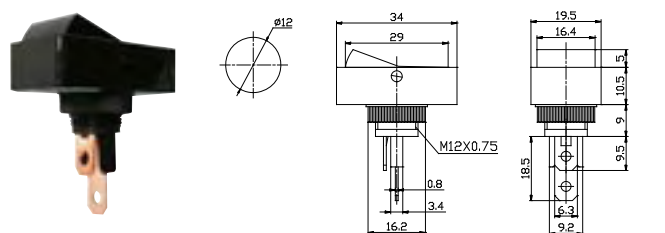
PART #	DESCRIPTION	RATING A	LAMP VOLTAGE
66-2271 AMBER	ON-OFF/SPST 3P	20 AMPS/12VDC	12VDC
66-2272 BLUE	ON-OFF/SPST 3P	20 AMPS/12VDC	12VDC
66-2273 GREEN	ON-OFF/SPST 3P	20 AMPS/12VDC	12VDC
66-2274 RED	ON-OFF/SPST 3P	20 AMPS/12VDC	12VDC

**ILLUMINATED AUTOMOTIVE SWITCH**



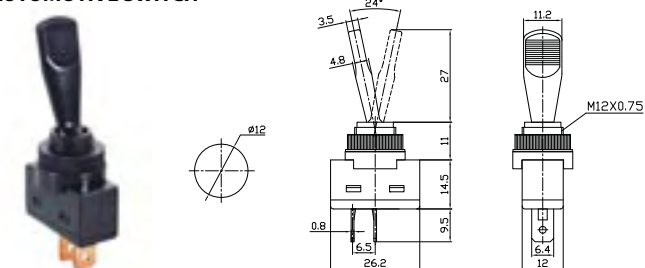
PART #	DESCRIPTION	RATING A	LAMP VOLTAGE
66-2035 AMBER	ON-OFF/SPST 3P	20 AMPS/12VDC	12VDC
66-2036 BLUE	ON-OFF/SPST 3P	20 AMPS/12VDC	12VDC
66-2037 GREEN	ON-OFF/SPST 3P	20 AMPS/12VDC	12VDC
66-2038 RED	ON-OFF/SPST 3P	20 AMPS/12VDC	12VDC

**AUTOMOTIVE SWITCH**



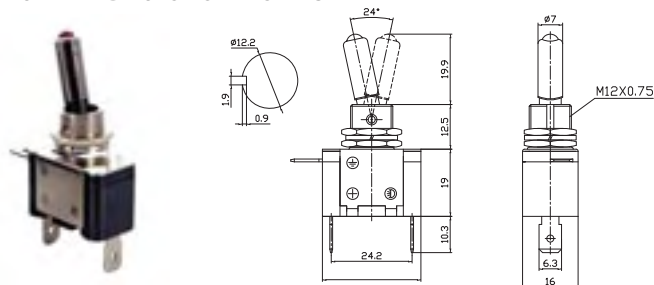
PART #	DESCRIPTION	RATING A	RATING B
66-2276	ON-OFF/SPST 2P	20 AMPS/12VDC	10 AMP/125 VAC

**AUTOMOTIVE SWITCH**



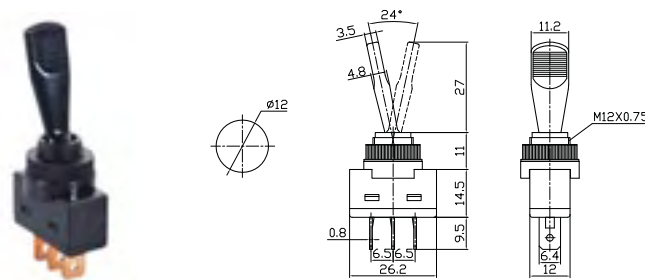
PART #	DESCRIPTION	RATING A	RATING B
66-2023	ON-OFF/SPST 2P	20 AMPS/12 VDC	10 AMPS/125 VAC

**ILLUMINATED AUTOMOTIVE SWITCH**



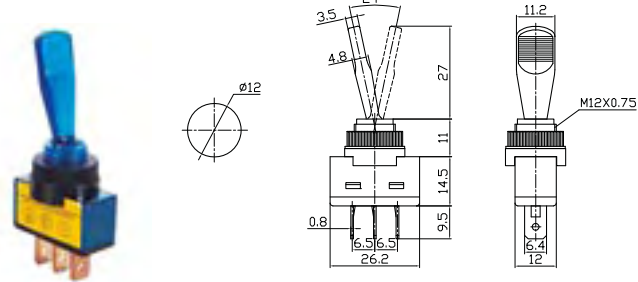
PART #	DESCRIPTION	RATING A
66-2050 RED	ON-OFF/SPST 3P	25 AMPS/12 VDC (WITH LAMP)
66-2051 BLUE	ON-OFF/SPST 3P	25 AMPS/12 VDC (WITH LAMP)
66-2052 GREEN	ON-OFF/SPST 3P	25 AMPS/12 VDC (WITH LAMP)
66-2053 AMBER	ON-OFF/SPST 3P	25 AMPS/12 VDC (WITH LAMP)

**AUTOMOTIVE SWITCH**



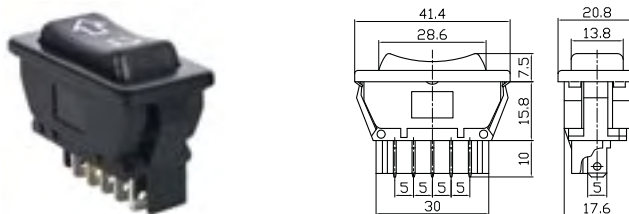
PART #	DESCRIPTION	RATING A	RATING B
66-2024	ON-ON/SPDT 3P	20 AMPS/12VDC	10 AMPS/125 VAC
66-2025	ON-OFF-ON/SPDT 3P	20 AMPS/12VDC	10 AMPS/125 VAC

**ILLUMINATED AUTOMOTIVE SWITCH**



PART #	DESCRIPTION	RATING A	LAMP VOLTAGE
66-2022 AMBER	ON-OFF/SPST 3P	20 AMPS/12VDC	12VDC
66-2012 BLUE	ON-OFF/SPST 3P	20 AMPS/12VDC	12VDC
66-2032 GREEN	ON-OFF/SPST 3P	20 AMPS/12VDC	12VDC
66-2002 RED	ON-OFF/SPST 3P	20 AMPS/12VDC	12VDC

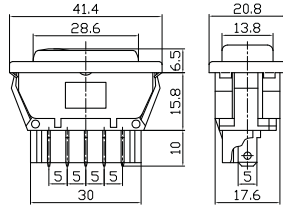
**AUTOMOTIVE SWITCH**



PART #	DESCRIPTION	RATING A	RATING B
66-2298	DPDT 5P	20 AMPS/12 VDC	10 AMPS/30 VDC

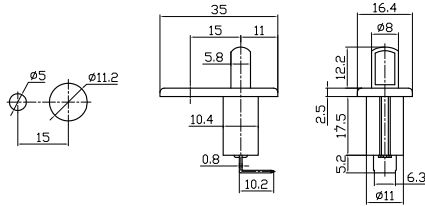
# SWITCHES

## ILLUMINATED AUTOMOTIVE SWITCH



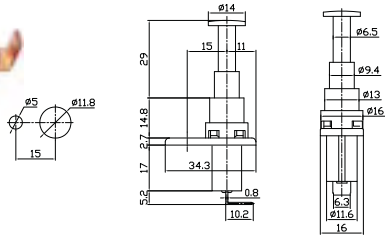
PART #	DESCRIPTION	RATING A	LAMP VOLTAGE
66-2299	DPDT 5P (WITH LAMP)	20 AMPS/12 VDC	12 VDC

## PIN SWITCH



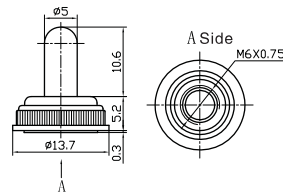
PART #	DESCRIPTION	RATING A	RATING B
66-3020	ON-(OFF)	20 AMPS/12 VDC	—

## PIN SWITCH



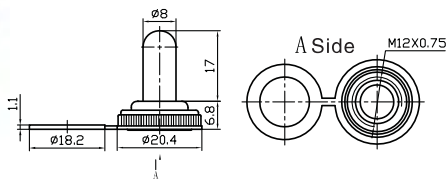
PART #	DESCRIPTION	RATING A	RATING B
66-3021	ON-(OFF)	20 AMPS/12 VDC	—

## SWITCH COVER



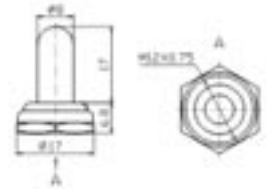
PART #	DESCRIPTION
66-5000	SWITCH COVER WITH WATERPROOF CAP

## SWITCH COVER WITH O-RING



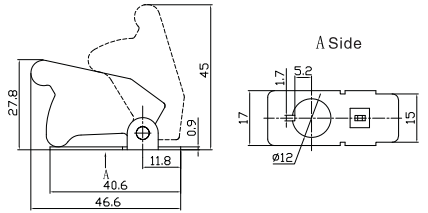
PART #	DESCRIPTION
66-5001	SWITCH COVER WITH O-RING & WATERPROOF CAP

## SWITCH COVER



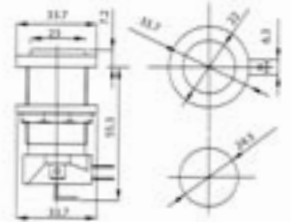
PART #	DESCRIPTION
66-5002	SWITCH COVER WITH O-RING & WATERPROOF CAP

## AIRCRAFT TYPE SWITCH COVER



PART #	DESCRIPTION	PART #	DESCRIPTION
66-5009	PURPLE	66-5015	RED
66-5010	BLACK	66-5016	TRANSPARENT
66-5011	BLUE	66-5017	YELLOW
66-5012	CHROME	66-5018	TRANSPARENT RED
66-5013	GREEN	66-5019	TRANSPARENT BLUE
66-5014	CARBON	66-5020	TRANSPARENT GREEN

## NON-ILLUMINATED GAME SWITCH

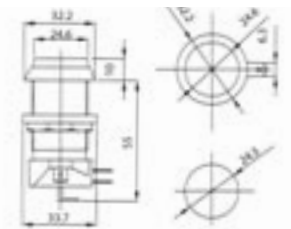


PART #	DESCRIPTION	RATING B
GMS-8B-C	NO/NC: AMBER, BLUE, GREEN, RED & WHITE	5 AMP/12 VDC

## ILLUMINATED GAME SWITCH



AVAILABLE IN:  
AMBER, BLUE,  
GREEN, RED &  
WHITE

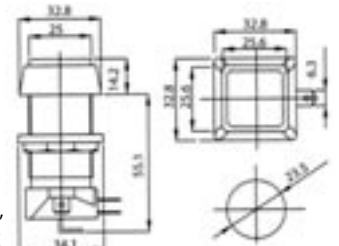


PART #	DESCRIPTION	RATING A	LAMP VOLTAGE
GMSI-7B-C	NO/NC	5 AMP/12 VDC	12VDC

## ILLUMINATED GAME SWITCH



AVAILABLE  
IN: AMBER,  
BLUE, GREEN,  
RED & WHITE

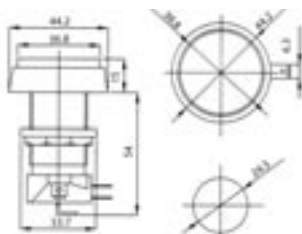


PART #	DESCRIPTION	RATING A	LAMP VOLTAGE
GMSI-5B-S	NO/NC	5 AMP/12 VDC	12VDC

**ILLUMINATED GAME SWITCH**



AVAILABLE IN:  
AMBER, BLUE,  
GREEN, RED &  
WHITE

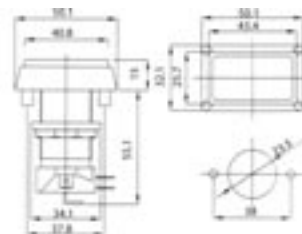


PART #	DESCRIPTION	RATING A	LAMP VOLTAGE
GMSI-4B-C	NO/NC	5 AMP/12 VDC	12VDC

**ILLUMINATED GAME SWITCH**



AVAILABLE IN:  
AMBER, BLUE,  
GREEN, RED &  
WHITE

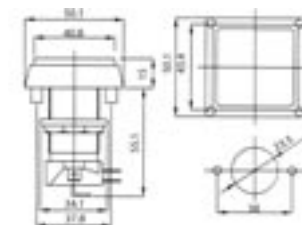


PART #	DESCRIPTION	RATING A	LAMP VOLTAGE
GMSI-3B-R	NO/NC	5 AMP/12 VDC	12VDC

**ILLUMINATED GAME SWITCH**



AVAILABLE IN:  
AMBER, BLUE,  
GREEN, RED &  
WHITE

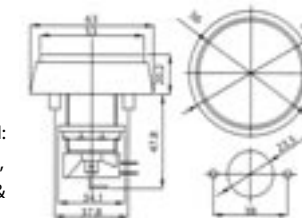


PART #	DESCRIPTION	RATING A	LAMP VOLTAGE
GMSI-2B-S	NO/NC	5 AMP/12 VDC	12VDC

**ILLUMINATED GAME SWITCH**

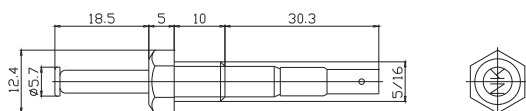


AVAILABLE IN:  
AMBER, BLUE,  
GREEN, RED &  
WHITE



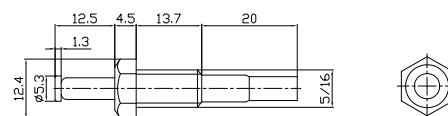
PART #	DESCRIPTION	RATING A	LAMP VOLTAGE
GMSI-1B-C	NO/NC	5 AMP/12 VDC	12VDC

**PIN SWITCH - LONG**



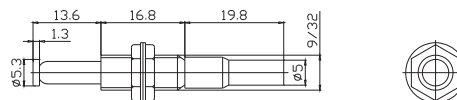
PART #	DESCRIPTION	LENGTH
66-3007	ACCEPTS .156" DIAMETER MALE BULLET	2.5"

**PIN SWITCH**



PART #	DESCRIPTION	LENGTH
66-3008	ACCEPTS .156" DIAMETER MALE BULLET	2.0"

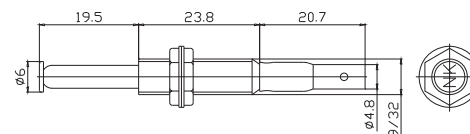
**PIN SWITCH- ADJUSTABLE HEAD**



ALLOWS FOR PLUNGER  
HEIGHT ADJUSTMENT

PART #	DESCRIPTION	LENGTH
66-3014	ACCEPTS .156" DIAMETER MALE BULLET	2.0"

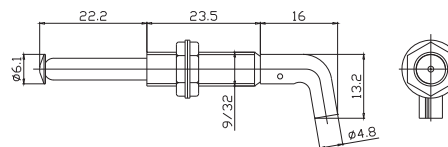
**PIN SWITCH - LONG ADJUSTABLE HEAD**



ALLOWS FOR PLUNGER  
HEIGHT ADJUSTMENT

PART #	DESCRIPTION	LENGTH
66-3013	ACCEPTS .156" DIAMETER MALE BULLET	2.5"

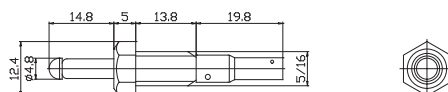
**RIGHT ANGLE PIN SWITCH - LONG ADJUSTABLE HEAD**



ALLOWS FOR PLUNGER  
HEIGHT ADJUSTMENT

PART #	DESCRIPTION	LENGTH
66-3015	ACCEPTS .156" DIAMETER MALE BULLET	2.5"

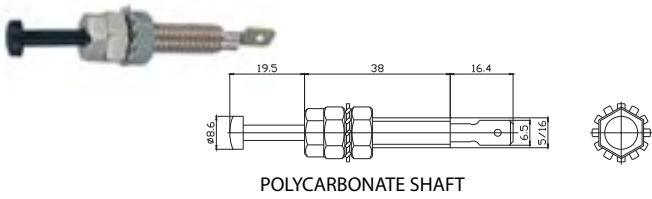
**NYLON TIPPED PIN SWITCH**



PART #	DESCRIPTION	LENGTH
66-3022	ACCEPTS .156" DIAMETER MALE BULLET	2.0"

# SWITCHES

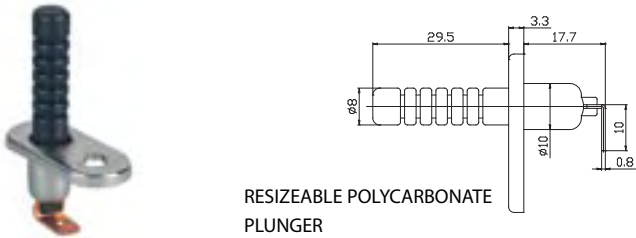
## PIN SWITCH- FLANGE MOUNTED



POLYCARBONATE SHAFT

PART #	DESCRIPTION	LENGTH
66-3005	COPPER QC TERM.	2.75"

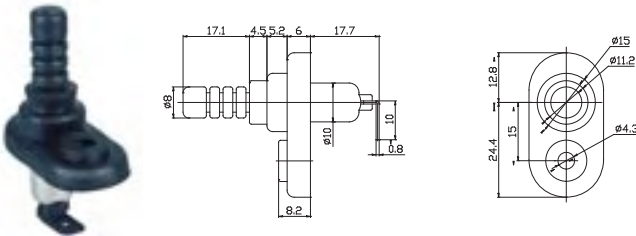
## PIN SWITCH- NICKEL PLATED



RESIZEABLE POLYCARBONATE PLUNGER

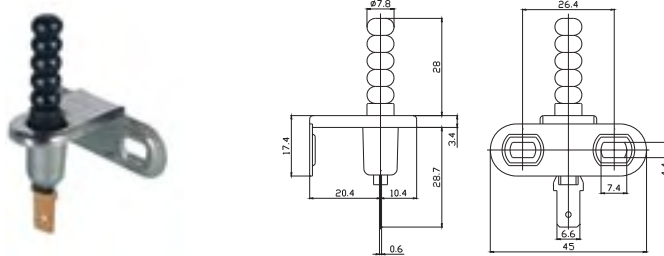
PART #	DESCRIPTION
66-3023	TIN PLATED BRASS Q.C. TERMINALS

## PIN SWITCH- NICKEL PLATED & RUBBER BOOT



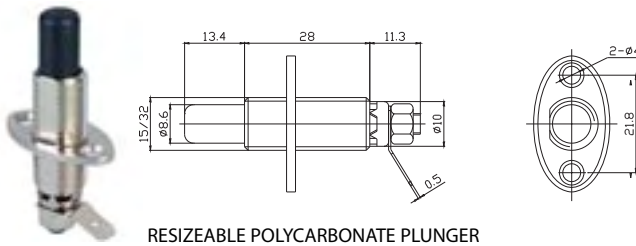
PART #	DESCRIPTION
66-3024	RESIZEABLE POLYCARBONATE PLUNGER & RUBBER BOOT

## PIN SWITCH- VERTICAL FLANGE MOUNT



PART #	DESCRIPTION
66-3025	FOR UNDER-HOOD APPLICATIONS

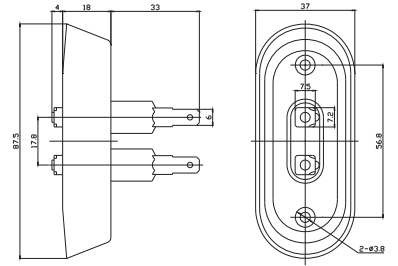
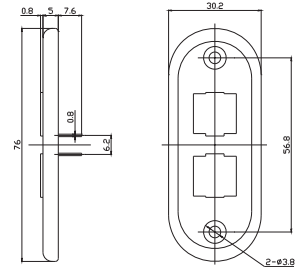
## DELUXE PIN SWITCH



RESIZEABLE POLYCARBONATE PLUNGER

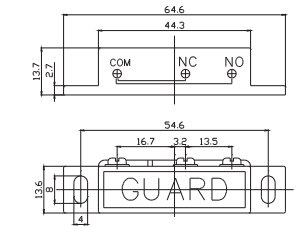
PART #	DESCRIPTION	LENGTH
66-3001	HEAVY STEEL MOUNTING PLATE W/ .250" MALE	1.625"

## SLIDING VAN DOOR SWITCH



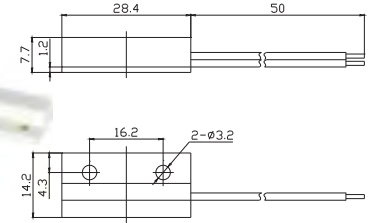
PART #	DESCRIPTION
66-3026	DOUBLE PIN SWITCH WITH MATCHING PLATE

## REED SWITCH WITH MAGNET



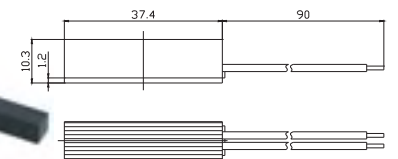
PART #	DESCRIPTION
66-2812	NORMALLY OPEN/NORMALLY CLOSED WITH MAGNET

## REED SWITCH WITH MAGNET



PART #	DESCRIPTION
66-3030	N.O. WITH 12" LEADS & TEST POINTS

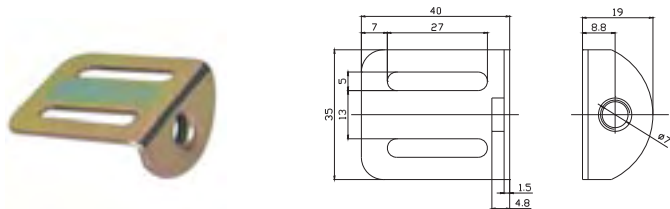
## MERCURY TILT SWITCH



PART #	DESCRIPTION
66-3031	N.O. WITH 12" LEADS & TEST POINTS

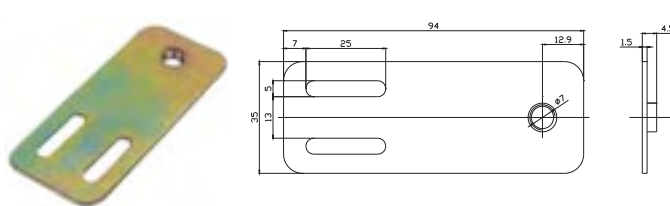


**PIN SWITCH BRACKET- RIGHT ANGLE**



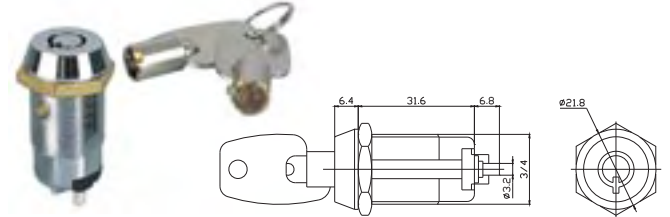
PART #	DESCRIPTION
66-5005	18G. BRACKET, .25" THREADED HOLE, 1.125" ADJUSTMENT SLOT

**PIN SWITCH BRACKET**



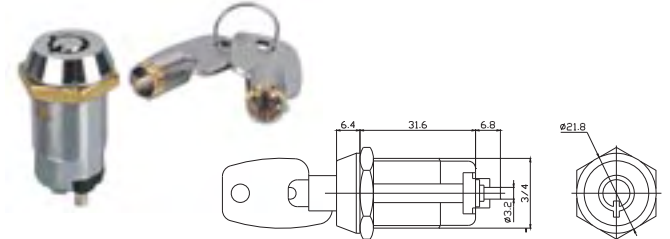
PART #	DESCRIPTION
66-5006	18G. BRACKET, .25" THREADED HOLE, 1.125" ADJUSTMENT SLOT

**KEY SWITCH**



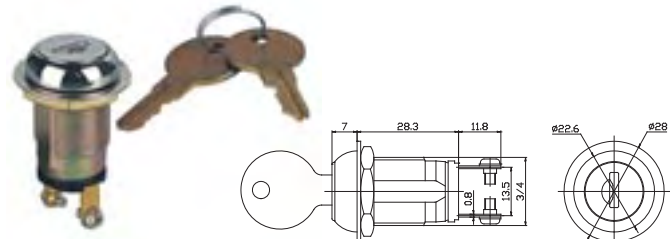
PART #	DESCRIPTION
66-2802	SPST ON-OFF ROUND KEY SWITCH

**KEY SWITCH**



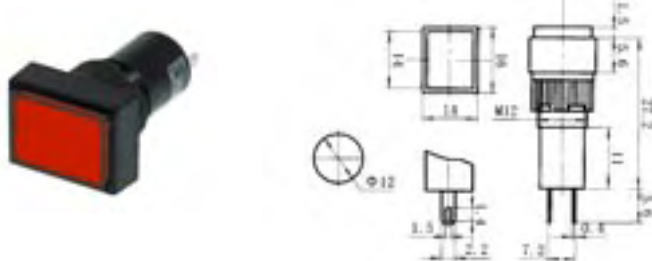
PART #	DESCRIPTION
66-2804	MOMENTARY (ON) ROUND KEY SWITCH

**KEY SWITCH**



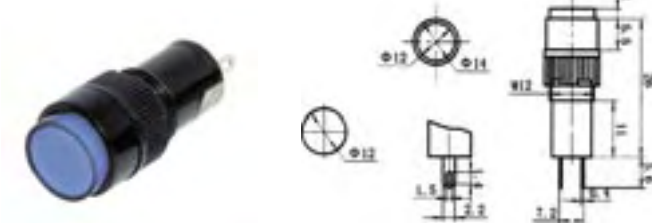
PART #	DESCRIPTION
66-2808	SPST ON-OFF FLAT KEY SWITCH

**RECTANGLE ILLUMINATED PANEL LAMPS**



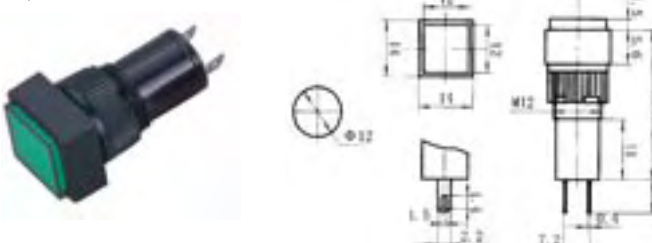
PART #	DESCRIPTION	VOLTAGE
NN12RR	RED PANEL LAMP 12mmØ	3-12VDC
NN12RBL	BLUE PANEL LAMP 12mmØ	3-12VDC
NN12RGR	GREEN PANEL LAMP 12mmØ	3-12VDC
NN12ROR	AMBER PANEL LAMP 12mmØ	3-12VDC

**ROUND ILLUMINATED LED PANEL LAMPS**



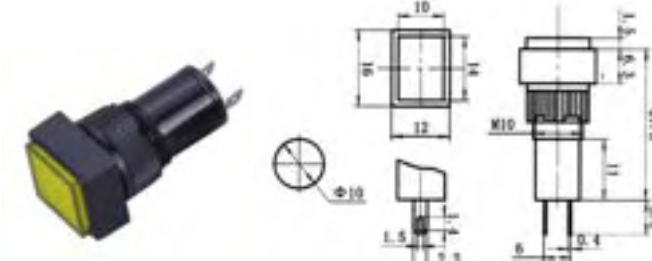
PART #	DESCRIPTION	VOLTAGE
NN12CR	RED PANEL LAMP 12mmØ	3-12VDC
NN12CBL	BLUE PANEL LAMP 12mmØ	3-12VDC
NN12CGR	GREEN PANEL LAMP 12mmØ	3-12VDC
NN12COR	AMBER PANEL LAMP 12mmØ	3-12VDC

**SQUARE ILLUMINATED LED PANEL LAMPS**



PART #	DESCRIPTION	VOLTAGE
NN12SR	RED PANEL LAMP 12mmØ	3-12VDC
NN12SBL	BLUE PANEL LAMP 12mmØ	3-12VDC
NN12SGR	GREEN PANEL LAMP 12mmØ	3-12VDC
NN12SOR	AMBER PANEL LAMP 12mmØ	3-12VDC

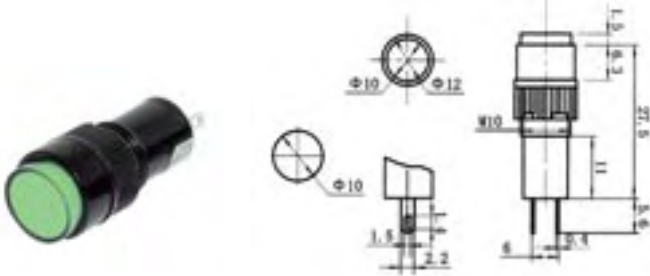
**RECTANGLE ILLUMINATED PANEL LAMPS**



PART #	DESCRIPTION	VOLTAGE
NN10RR	RED PANEL LAMP 10mmØ	3-12VDC
NN10RBL	BLUE PANEL LAMP 10mmØ	3-12VDC
NN10RGR	GREEN PANEL LAMP 10mmØ	3-12VDC
NN10ROR	AMBER PANEL LAMP 10mmØ	3-12VDC

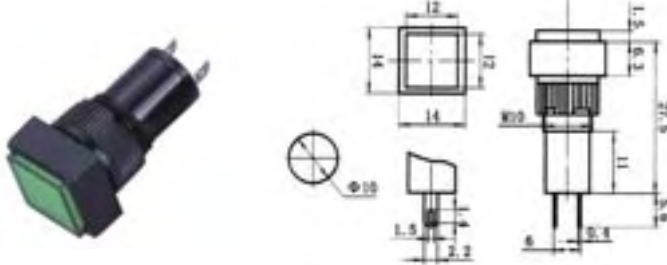
# SWITCHES

## ROUND ILLUMINATED LED PANEL LAMPS



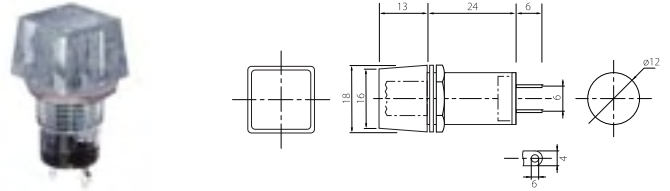
PART #	DESCRIPTION	VOLTAGE
NN10CR	RED PANEL LAMP 10mmØ	3-12VDC
NN10CBL	BLUE PANEL LAMP 10mmØ	3-12VDC
NN10CGR	GREEN PANEL LAMP 10mmØ	3-12VDC
NN10COR	AMBER PANEL LAMP 10mmØ	3-12VDC

## SQUARE ILLUMINATED LED PANEL LAMPS



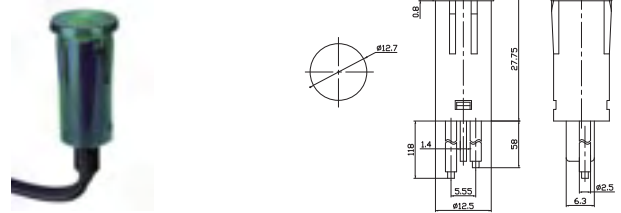
PART #	DESCRIPTION	VOLTAGE
NN10SR	RED PANEL LAMP 10mmØ	3-12VDC
NN10SBL	BLUE PANEL LAMP 10mmØ	3-12VDC
NN10SGR	GREEN PANEL LAMP 10mmØ	3-12VDC
NN10SOR	AMBER PANEL LAMP 10mmØ	3-12VDC

## SQUARE ILLUMINATED LAMP



PART #	DESCRIPTION	VOLTAGE
N799PA	AMBER Panel Lamp 12mmØ	12VDC
N799PBL	BLUE Panel Lamp 12mmØ	12VDC
N799PC	CLEAR Panel Lamp 12mmØ	12VDC
N799PG	GREEN Panel Lamp 12mmØ	12VDC
N799PR	RED Panel Lamp 12mmØ	12VDC

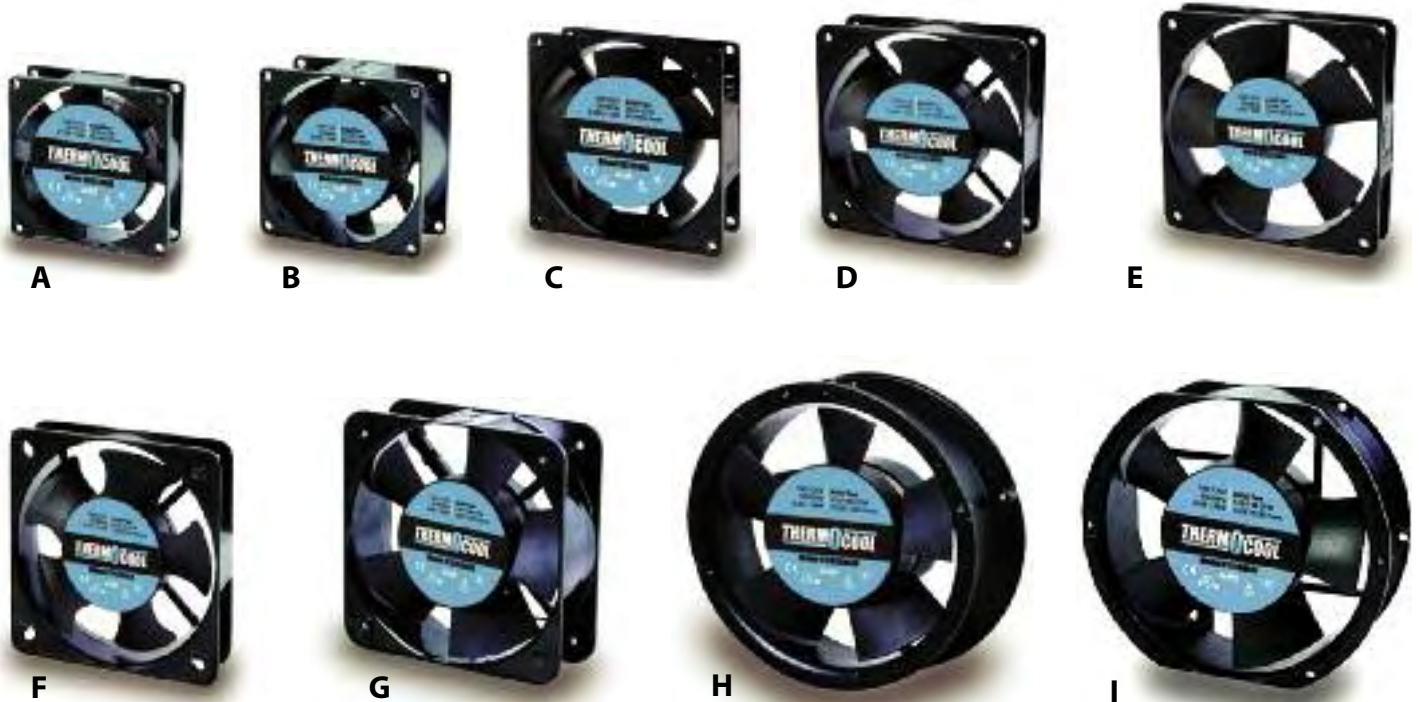
## ROUND ILLUMINATED LAMP



PART #	DESCRIPTION	VOLTAGE
N599PR	RED Panel lamp with leads 12.7mmØ	12VDC
N599PBL	BLUE Panel lamp with leads 12.7mmØ	12VDC
N599PG	GREEN Panel lamp with leads 12.7mmØ	12VDC
N599PA	AMBER Panel lamp with leads 12.7mmØ	12VDC
N699PR	RED Panel lamp with leads 12.7mmØ	120VAC
N699PBL	BLUE Panel lamp with leads 12.7mmØ	120VAC
N699PG	GREEN Panel lamp with leads 12.7mmØ	120VAC
N699PA	AMBER Panel lamp with leads 12.7mmØ	120VAC



Thermocool Axial Fans provide enhanced cooling for a variety of electronic devices. Leading air flow technology is designed into every Thermocool product resulting in reduced turbulence, low noise levels and a more energy efficient product. Thermocool fans are ideal for use in computer systems, portable CD and DVD players, stereo components, overhead projectors, laptop computers, and many other electronic applications where circulation is a key concern.



	PART NUMBER	BEARING SYSTEM	VOLTAGE LEAD TYPE	FREQ. (HZ)	AMPS	WATTS	SPEED	NOISE (DB)	AIR FLOW (CFM)	SIZE (MM)	SIZE (INCH)
<b>A</b>	<b>G8025HAS</b>	Sleeve	100/125*	50/60	0.13	13	2300/2700	27/30	19/23	80X80X25	3.15X3.15X.98
<b>B</b>	<b>G8038HAS</b>	Sleeve	100/125*	50/60	0.14	14	2400/2900	28/33	23/28	80X80X38	3.15X3.15X1.5
<b>C</b>	<b>G9225HAS</b>	Sleeve	100/125†	50/60	0.14	13	2300/2800	34/40	28/34	92X92X25	3.62X3.62X.98
<b>D</b>	<b>G12025HAS</b>	Sleeve	100/125†	50/60	0.2	18	2300/2700	39/42	57/66	120X120X25	4.72X4.72X.98
<b>E</b>	<b>G12038HAS</b>	Sleeve	100/125†	50/60	0.28	21	2600/3000	43/48	82/95	120X120X38	4.72X4.72X1.5
	<b>G12038MAB</b>	Ball	100/125†	50/60	0.22	19	2200/2600	39/44	72/85	120X120X38	4.72X4.72X1.5
	<b>G12038MAS</b>	Sleeve	100/125†	50/60	0.22	19	2200/2600	39/44	72/85	120X120X38	4.72X4.72X1.5
<b>F</b>	<b>G13538HAS</b>	Sleeve	100/125*	50/60	0.34	25	2400/2800	46/53	97/122	135X135X38	5.31X5.31X1.5
<b>G</b>	<b>G15050HAS</b>	Sleeve	100/125*	50/60	0.4	38	2600/2900	54/59	176/198	150X150X50	5.9X5.9X2
<b>H</b>	<b>G17050HASB</b>	Ball	100/125†	50/60	0.4	38	2600/2900	54/59	176/198	172X172X51	6.77X6.77X2
<b>I</b>	<b>G17050HAST</b>	Sleeve	100/125†	50/60	0.4	38	2600/2900	54/59	176/198	172X150X51	6.77X5.9X2

# Next time you need solder, make the connection with Thermoflow!

Thermoflow Solder is manufactured under ISO9001:2000 assessment standards and is available in a wide variety of alloy compositions to meet most electronic/electrical manufacturing requirements. Thermoflow Solder is packaged to meet your customers demands and is available in tubes, one half and one pound spools and in bar format for wave soldering or dip soldering machinery.

## QQ-200

QQ-200 is a no-clean flux for cored solder wire and is suitable for hand soldering both electronic components and electrical terminals. QQ-200 performance characteristics include excellent solder adhesion to a variety of surfaces, low smoke and odor and low splash during soldering which is common to most core fluxes. After soldering, QQ-200 no clean flux leaves a minimum residue which is transparent in color and eliminates the expense of cleaning. QQ-200 is compatible with leaded and lead-free solder, meets MIL-P28809 and QQ-S-571E and meets RoHS directives. Documentation available upon request

Part No.	Description	Wt/lb
TF127121	Sn99.3/Cu0.7, 1.0mm, QQ-200	1/2 lb/roll



LEAD-FREE SOLDER

## MC-20A

MC-20A is a no clean rosin based flux that is suitable for Lead Free and Tin-Lead solder. During high temperature soldering, MC-20A will not lose its characteristic properties including strong wetting and low splash. MC-20A flux is suitable for temperature ranges of 572 - 752 degrees Fahrenheit and meets RoHS directives when combined with a lead free alloy. Documentation available upon request.

Part No.	Description	Wt/lb
TF604011	Sn60/Pb40-1.0mm,MC-20A,	1lb/roll
TF6040121	Sn60/Pb40-1.0mm,MC-20A,	1/2lb/roll
TF604016	Sn60/Pb40-0.6mm,MC-20A,	1lb/roll
TF6040126	Sn60/Pb40-0.6mm,MC-20A,	1/2lb/roll
TF633711	Sn63/Pb37-1.0mm,MC-20A,	1lb/roll
TF6337121	Sn63/Pb37-1.0mm,MC-20A,	1/2lb/roll
TF633716	Sn63/Pb37-0.6mm,MC-20A,	1lb/roll
TF6337126	Sn63/Pb37-0.6mm,MC-20A,	1/2lb/roll
TF6040141	Sn60/Pb40-1.0mm,MC-20A,	14g/blister



ROSIN CORE SOLDER



PACKAGED ROSIN CORE SOLDER-TUBE

## GREEN FLUX PASTE

Green-Type flux paste is a general purpose oil and water soluble solder paste that can be used on steel, iron, plated zinc and plated nickel. Green-Type flux meets RoHS directives. Documentation available upon request.

Part No.	Description	Wt/lb
TF127121SP	Green Type Flux Paste -- Water Soluble	50g/1.75 oz.



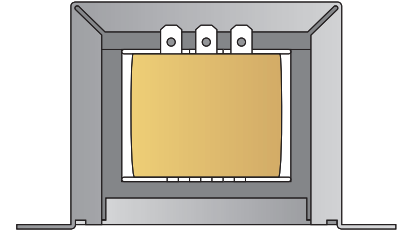
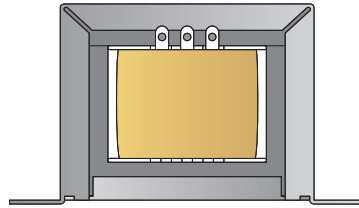
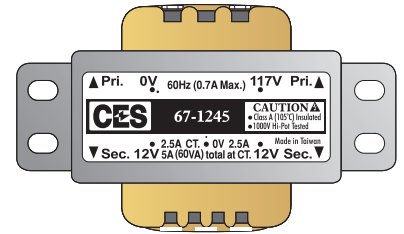
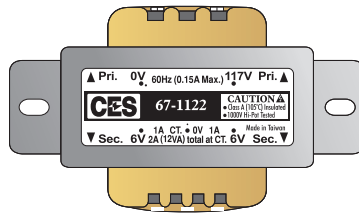
FLUX PASTE



## CES CENTER-TAPPED POWER TRANSFORMERS



117 VAC primary voltage, secondary voltages 12, 24, and 48 volt with center tap.



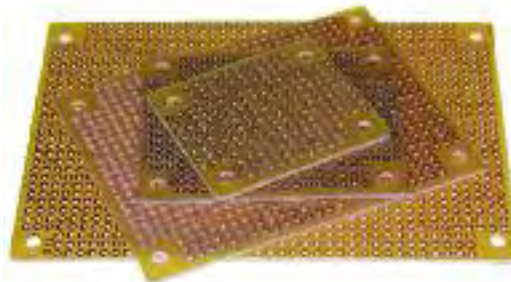
Primary Input Voltage 117vac
Output Voltage 12VCT and 24VCT
Solder Lug/Push-on Terminals
Class A Rated @ 105°C Insulated
1,000 Volt Hi-Pot Tested

### SPECIFICATIONS

Part Number	Rated Output Voltage*	Rating A	Rating B	Frame Size	Mounting Hole Center to Center	Overall Thickness/Width (Inches) (Excluding Mounting Tabs)	Height
67-1120	12VAC	250ma	500ma	EI-41x14.5	2.07"	1.29 x 1.69	1.41"
67-1121	12VAC	.5 amp	1 amp	EI-41x16.5	2.07"	1.37 x 1.69	1.41"
67-1122	12VAC	1 amp	2 amp	EI-48x20B	2.36"	1.57 x 1.96	1.67"
67-1123	12VAC	1.5 amp	3 amp	EI-57x19A	2.79"	1.73 x 2.32	2.0"
67-1124	12VAC	2 amp	4 amp	EI-57x25B	2.79"	1.95 x 2.32	2.0"
67-1125	12VAC	2.5 amp	5 amp	EI-66x25B	3.14"	2.12 x 2.67	2.28"
67-1240	24VAC	250ma	500ma	EI-41x16.5	2.07"	1.37 x 1.69	1.41"
67-1241	24VAC	.5 amp	1 amp	EI-48x20B	2.36"	1.57 x 1.96	1.67"
67-1242	24VAC	1 amp	2 amp	EI-57x25B	2.79"	1.95 x 2.32	2.0"
67-1243	24VAC	1.5 amp	3 amp	EI-66x30	3.14"	2.29 x 2.67	2.28"
67-1244	24VAC	2 amp	4 amp	EI-76x30	3.62"	2.42 x 3.1	2.65"
67-1245	24VAC	2.5 amp	5 amp	EI-76x35A	3.62" x 2 rows in 0.72" pitch	2.64 x 3.1	2.65"

## SOLDERABLE PERF BOARDS

Copper clad mounting holes with 0.1" matrix. Fits most standard components. Mating project enclosures available.

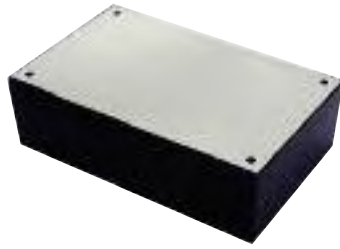


PART #	DIMENSIONS
64-8931	1-1/2" x 1-3/4"
64-8932	1-7/8" x 2-1/4"
64-8933	2-1/2" x 3-1/8"
64-8934	3" x 4-1/4"

## ENCLOSURE PRODUCTS

### ALUMINUM TOP UTILITY CASES

- THE BEST VALUE UTILITY BOX IN A VARIETY OF SIZES
- HIGH IMPACT ABS
- ALUMINUM TOP



ITEM NO.	LENGTH	WIDTH	HEIGHT
64-8921	2.687	1.687	1.187
64-8922	3.937	2.125	1.375
64-8923	4.125	2.75	1.562
64-8924	5.25	3.25	1.562

\* BROKEN CARTON QUANTITIES AVAILABLE UPON REQUEST

### ALL PLASTIC UTILITY CASES WITH MOUNTING TABS

- THE BEST VALUE UTILITY BOX IN A VARIETY OF SIZES
- HIGH IMPACT ABS, UL 94HB FLAMMABILITY RATING
- ALL PLASTIC WITH MOUNTING TABS
- CARD GUIDES ACCEPT 1.6MM THICK CARD



ITEM NO.	LENGTH	WIDTH	HEIGHT
64-1020BF	3.23	2.11	1.18
64-1022BF	6.14	2.64	1.57
64-1024BF	7.31	3.75	2.08
64-1025BF	8.85	4.44	2.48

\* BROKEN CARTON QUANTITIES AVAILABLE UPON REQUEST

### UTILITY CASES

- FLAME RETARDANT ABS UL94-V0
- DESIGNED FOR ELECTRONIC PRODUCT USE



ITEM NO.	LENGTH	WIDTH	HEIGHT
64-G1906	2.74	1.99	.83
64-G1908	3.49	2.48	1.08
64-G1910	4.53	3.27	1.26

\* BROKEN CARTON QUANTITIES AVAILABLE UPON REQUEST

### ALL PLASTIC UTILITY CASES

- THE BEST VALUE UTILITY BOX IN A VARIETY OF SIZES
- HIGH IMPACT ABS, UL 94HB FLAMMABILITY RATING
- CARD GUIDES ACCEPT 1.6MM THICK CARD



ITEM NO.	LENGTH	WIDTH	HEIGHT
64-1031B	2.51	1.73	1.25
64-1032B	3.97	2.12	1.72
64-1033B	5.07	2.51	1.73
64-1034B	5.94	3.54	2.09
64-1037B	7.44	4.44	2.62
64-1039B	8.54	5.43	3.23

\* BROKEN CARTON QUANTITIES AVAILABLE UPON REQUEST

### DESKTOP PLASTIC CASES

- DESKTOP ABS INSTRUMENT CASES WITH MOLDED PCB STAND-OFFS, VERTICAL CARD GUIDES AND BRASS INSERTS FOR REPETITIVE ASSEMBLY OR DISASSEMBLY
- (4) M3 SCREWS AND RUBBER FEET ARE PROVIDED
- LIGHT GRAY TOP AND BASE WITH BLACK PANELS



ITEM NO.	LENGTH	WIDTH	HEIGHT
64-G738	5.51	4.33	1.377
64-G747	8.85	6.5	1.57
64-G748	8.85	6.5	2.56
64-G749	8.85	6.5	3.54

\* BROKEN CARTON QUANTITIES AVAILABLE UPON REQUEST



**SLOPED HAND-HELD ENCLOSURE**

- MOLDED IN HIGH IMPACT ABS PLASTIC
- IDEAL FOR KEYBOARD, CONTROLLERS, TEST INSTRUMENT, COMPUTER ACCESSORIES, REMOTE ACTUATORS AND CONTROLS

ITEM NO.	LENGTH	WIDTH	HEIGHT
64-G1168B	5.9	3.74	1.22/1.95
64-G1189B	7.45	4.15	1.30/2.32

\* BROKEN CARTON QUANTITIES AVAILABLE UPON REQUEST



**SNAP-IN PLASTIC CASE WITH HINGED COVER**

- HIGH IMPACT UL94-HB ABS
- BLACK COLOR
- SNAP-IN DESIGN CAN BE OPENED AND CLOSED EASILY WITHOUT A TOOL
- RUBBER INSERT FOR OUTLET CABLE
- IDEAL FOR INDOOR/OUTDOOR APPLICATIONS

ITEM NO.	LENGTH	WIDTH	HEIGHT
64-GH001B	3.58	3.11	1.17

\* BROKEN CARTON QUANTITIES AVAILABLE UPON REQUEST



**FLANGED ALUMINUM CASES**

- DIE CAST ALUMINUM ALLOY ADC-12 TO JAPAN (JIS)
- NATURAL DIE CAST ALUMINUM FINISH
- ON THE BODY ARE PRE-DRILLED TAPPED HOLES AND STAINLESS STEEL SCREWS ARE PROVIDED TO HOLD THE BODY AND LID FIRMLY IN PLACE
- IP 66 RATING WITH ADHESIVE GASKET

ITEM NO.	LENGTH	WIDTH	HEIGHT
64-BS11MF	8.74	5.75	2.16
64-BS13MF	4.49	2.52	1.18
64-BS15MF	4.49	2.52	2.16
64-BS25MF	4.49	3.45	2.16
64-BS39MF	6.73	4.76	4.17

\* BROKEN CARTON QUANTITIES AVAILABLE UPON REQUEST



**SNAP-IN PLASTIC CASES**

- HIGH IMPACT UL- 94-HB ABS
- LID & BASE ARE MOLDED IN LIGHT GREY COLOR , FRONT & END PANELS ARE MOLDED IN DARK GREY COLOR
- SNAP-IN TYPE DESIGN TO SAVE TIME IN PRODUCT ASSEMBLY

ITEM NO.	LENGTH	WIDTH	HEIGHT
64-G1812	4.13	1.6	.992
64-G1814	5.12	2.92	1.18
64-G1816	6.1	3.62	1.16
64-G1818	7.875	4.76	1.57

\* BROKEN CARTON QUANTITIES AVAILABLE UPON REQUEST

# HARDWARE TERMINALS

**QUICK DISCONNECT** Vinyl insulated female disconnects, .250"; 100/pack



PART #	COLOR	AWG
100	(Red)	22-18 g.
101	(Blue)	16-14 g.
102	(Yellow)	12-10 g.

**QUICK DISCONNECT** Vinyl fully insulated female disconnects, .250"; 100/pack



PART #	COLOR	AWG
103A	(Red)	22-18 g.
103B	(Blue)	16-14 g.

**QUICK DISCONNECT** Nylon see thru fully insulated female disconnects, .250"; 100/pack



PART #	COLOR	AWG
103C	(Red)	22-18 g.
103D	(Blue)	16-14 g.
103E	(Yellow)	12-10 g.

**QUICK DISCONNECT** Vinyl insulated .250" male disconnects; 100/pack



PART #	COLOR	AWG
400	(Red)	22-18 g.
401	(Blue)	16-14 g.
402	(Yellow)	12-10 g.

**QUICK DISCONNECT** Nylon fully insulated male disconnect .250"; 100/pack



PART #	COLOR	AWG
403	(Red)	22-18 g.
404	(Blue)	16-14 g.
405	(Yellow)	12-10 g.

**QUICK DISCONNECT** Vinyl insulated female disconnects, .187"; 100/pack



PART #	COLOR	AWG
105A	(Red)	22-18 g.
105B	(Blue)	16-14 g.

**QUICK DISCONNECT** Vinyl insulated female disconnects, .205"; 100/pack



PART #	COLOR	AWG
105C	(Red)	22-18 g.
105D	(Blue)	16-14 g.

**QUICK DISCONNECT** Vinyl insulated female disconnects, .110"; 100/pack



PART #	COLOR	AWG
104A	(Red)	22-18 g.

**QUICK DISCONNECT** Male "Y" disconnect, .250". Fully insulated.



PART #	COLOR	AWG
800Y	(Blue)	-

**QUICK DISCONNECT** See-thru male disconnect strip, .250". Fully insulated. 24 per strip.



PART #	COLOR	DESC
800	(Yellow)	12 /side.

**FLEXIBLE TERMINAL STRIPS** Vinyl insulated female disconnects, .250"



PART #	DESCRIPTION
64-8029	Flexible PVC Screw terminal strip. Easily bent in any direction. 12 double rows. Cut to desired number of poles.

**MALE BULLET CONNECTORS** Vinyl insulated male bullets, .156"; 100/pack



PART #	COLOR	AWG
300M	(Red)	22-18 g.
301M	(Blue)	16-14 g.

**MALE BULLET CONNECTORS** See-thru nylon insulated male bullets, .156"; 100/pack



PART #	COLOR	AWG
300MN	(Red)	22-18 g.
301MN	(Blue)	16-14 g.

**FEMALE BULLET CONNECTORS** Vinyl insulated female bullets, .156"; 100/pack



PART #	COLOR	AWG
300F	(Red)	22-18 g.
301F	(Blue)	16-14 g.

**FEMALE BULLET CONNECTORS** See-thru nylon insulated female bullets, .156"; 100/pack



PART #	COLOR	AWG
300FN	(Red)	22-18 g.
301FN	(Blue)	16-14 g.

**RING TERMINALS** Vinyl insulated rings, #6 inside diameter. 100/pack



PART #	COLOR	AWG
106	(Red)	22-18 g.
106C	(Blue)	16-14 g.

**RING TERMINALS** Vinyl insulated rings, #8 inside diameter. 100/pack



PART #	COLOR	AWG
106A	(Red)	22-18 g.
107A	(Blue)	16-14 g.
108A	(Yellow)	12-10 g.

**RING TERMINALS** Vinyl insulated rings, #10 inside diameter. 100/pack



PART #	COLOR	AWG
106B	(Red)	22-18 g.
107C	(Blue)	16-14 g.
108C	(Yellow)	12-10 g.

**RING TERMINALS** Vinyl insulated rings, 1/4" inside diameter.



PART #	COLOR	AWG
107B	(Blue)	16-14 g.
108B	(Yellow)	12-10 g.

**RING TERMINALS** Vinyl insulated rings, 3/8" inside diameter.



PART #	COLOR	AWG
108D	(Blue)	16-14 g.
109	(Yellow)	12-10 g.
109A	(Red)	8 g.

**RING TERMINALS** Vinyl insulated ring, 1/2" inside diameter.



PART #	COLOR	AWG
110A	(Yellow)	12-10 g.



## HARDWARE TERMINALS

### PIGGY BACK ADAPTORS

Female to male piggyback adapters, .250"; 100/pack



PART #	COLOR	AWG
119A	(Red)	22-18 g.
119B	(Blue)	16-14 g.

### QUICK SPLICE ADAPTORS

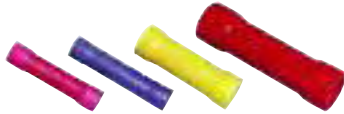
Vinyl fold-and-snap line splicers; 100/pack



PART #	COLOR	AWG
600	(Red)	22-18 g.
601	(Blue)	16-14 g.

### BUTT CONNECTORS

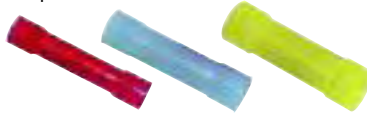
Vinyl insulated butt connectors; 100/pack



PART #	COLOR	AWG
200	(Red)	22-18 g.
201	(Blue)	16-14 g.
202	(Yellow)	12-10 g.
208	(Red)	8 g.

### FEMALE BULLET CONNECTORS

See-thru nylon insulated butt connectors; 100/pack



PART #	COLOR	AWG
203	(Red)	22-18 g.
204	(Blue)	16-14 g.
205	(Yellow)	12-10 g.

### SPADE TERMINALS

Vinyl insulated spade tongues #6 inside diameter. 100/pack



PART #	COLOR	AWG
503	(Red)	22-18 g.
505	(Blue)	16-14 g.

### SPADE TERMINALS

Vinyl insulated spade tongues #8 inside diam.; 100/pack



PART #	COLOR	AWG
500	(Red)	22-18 g.
501	(Blue)	16-14 g.
502	(Yellow)	12-10 g.

### SPADE TERMINALS

Vinyl insulated spade tongues #10 inside diam.; 100/pack



PART #	COLOR	AWG
504	(Red)	22-18 g.
506	(Blue)	16-14 g.
507	(Yellow)	12-10 g.

### WIRE NUTS

Vinyl wire nuts, threaded on the inside. 100/pack



PART #	COLOR	AWG
113A	(Yellow)	22-18 g.
114A	(Tan)	16-14 g.

### CRIMP CAPS

Nylon crimp caps, regular barrel. 100/pack



PART #	COLOR	AWG
111A	(Natural)	22-14 g.
112A	(Natural)	12-10 g.

## HEAT SHRINK PERMA-SEAL TERMINALS

Perma-Seal all-weather heat 1 sealable terminals and splices provide a rugged, environmentally sealed connection for wire sizes 8-22 AWG that will insulate, seal, and protect wire splices from physical abuse and abrasion, water, salt, and other corrosive compounds.

### INSULATED HEAT SHRINK BUTT SPLICES

Perma-Seal™ nylon splices. Seals and protects when heat activated; 25/pack



PART #	COLOR	AWG
19164-0013	(Red)	18-22 g.
19164-0044	(Blue)	14-16 g.
19164-0056	(Yellow)	10-12 g.
19164-0079	(Red)	8 g.

### INSULATED HEAT SHRINK BUTT SPLICES

Perma-Seal™ nylon female quick disconnect couplers. Seals and protects when heat activated. .250" tab size; 25/pack



PART #	COLOR	AWG
19164-0017	(Red)	18-22 g.
19164-0050	(Blue)	14-16 g.
19164-0076	(Yellow)	10-12 g.

### INSULATED HEAT SHRINK RING TERMINALS

Perma-Seal™ nylon ring terminals. Seals and protects when heat activated; 25/pack



PART #	COLOR	ID	AWG
19164-0086	(Red)	#8 ID	18-22 g.
19164-0033	(Blue)	#8 ID	14-16 g.
19164-0026	(Blue)	1/4" ID	14-16 g.
19164-0020	(Blue)	3/8" ID	14-16 g.
19164-0062	(Yellow)	#8 ID	10-12 g.
19164-0066	(Yellow)	1/4" ID	10-12 g.
19164-0068	(Yellow)	3/8" ID	10-12 g.
19164-0082	(Red)	3/8" ID	8 g.

### INSULATED HEAT SHRINK SPADE TERMINALS

Perma-Seal™ nylon spade terminals. Seals and protects when heat activated; 25/pack



PART #	COLOR	AWG
19164-0007	(Red)	18-22 g.
19164-0029	(Blue)	14-16 g.
19164-0070	(Yellow)	10-12 g.

## 3M HARDWARE TERMINALS

### T-TAP QUICK SPLICE ADAPTERS

Nylon female T-taps, Accepts .250" male disconnect; 100/pack



PART #	COLOR	AWG
3M604	(Red)	22-18 g.
3M605	(Blue)	16-14 g.
3M606	(Yellow)	12-10 g.

### SCOTCHLOK® ADAPTERS

Fully insulated line splicers and adapters; 100/pack



PART #	COLOR	AWG
3M801	(Blue)	14-8 g.
3M905	(Red)	18-22/14-18 g.
3M902	(Brown)	14-18/10-12 g.
3M901	(Black)	14-18 g.*
Splice-on ATC blade fuse holder.		
3M972A	(Blue)	18-14 g.

\* Accepts bullet connector.

## COPPER RING TERMINALS

### COPPER RING TERMINALS

High grade, heavy-duty, seamless bare copper terminals. Made from ETP (Electrolyte Tough Pitch) copper.



\* 5/16" I.D. terminals fit battery and starter connector screws exactly.

PART #	ID
#8 gauge diameter	
AET-8141	1/4" I.D.
AET-8561*	5/16" I.D.
AET-8382	3/8" I.D.
AET-8503	1/2" I.D.
#6 gauge diameter	
AET-6141	1/4" I.D.
AET-6561*	5/16" I.D.
AET-6382	3/8" I.D.
AET-6503	1/2" I.D.
#4 gauge diameter	
AET-4141	1/4" I.D.
AET-4561*	5/16" I.D.
AET-4382	3/8" I.D.
AET-4503	1/2" I.D.

### COPPER BUTT CONNECTORS

High grade, heavy-duty, seamless tinned copper butt connectors. Made from ETP (Electrolyte Tough Pitch) copper.



PART #	AWG
AET-20001	8 g.
AET-10001	6 g.
AET-1001	4 g.

## SCREW TERMINALS

### OCTAL SOCKET SCREW TERMINALS

8 & 11 pin screw terminals for easy connections and changes. Can be surface mounted or used with aluminum DIN rail. UL listed.



64-8808

64-8811

## RELAYS, RELAY SOCKETS & DOOR LOCK ACTUATOR

### PROLINK® SPDT RELAY

The ProLink SPDT40P features a higher current capability than the venerable industry standard Bosch relay.



SPDT40P

SPDT40M

PART #	DESCRIPTION	N.O. 12V	N.C. 12V
SPDT40P	PLASTIC MOUNTING TAB & HOUSING	40 AMP	30 AMP
SPDT40M	METAL BRACKET/PLASTIC HOUSING	40 AMP	30 AMP

### 2-WIRE POWER DOOR LOCK ACTUATORS

2-wire hook-up actuator. Compatible with most model vehicles and capable of tripping all model door locks. Mounting hardware included.



PDL-50

### PRE-WIRED DUAL RELAY SOCKETS



BRS-003

BRS-006, BRS007

BRS-008

PART #	DESCRIPTION	LEADS
BRS-003	WITH DIODE (2) 12 AWG. AND (2) 18 AWG. WIRES	12"
BRS-006	(3) 14 AWG. AND (2) 18 AWG. WIRES	12"
BRS-007	(3) 14 AWG. AND (2) 18 AWG. WIRES	17"
BRS-008	(6) 14 AWG. AND (4) 18 AWG. WIRES	24"

**HEAT-SHRINKABLE TUBING**

Thermosleeve HST Series is halogen-free, flame-retardant, polyolefin heat shrinkable tubing.

The typical properties are flame-retardant, good resistant to common fluids and solvents and high dielectric strength. So it is suitable for a wide range of applications, including electrical insulation, strain relief, cable bonding, color coding and identification of wires, cables, pipes, and electrical and electronic components. Our products are certified under the following standards:



ITEM	SPECIFICATIONS	
Shrink Temperature (°C)	90~120	
Operating Temperature Range (°C)	-55~125	
Radial Shrink Ratio (%)	≥2:1	
Longitudinal Change (%)	≤ ± 5	
Tensile Strength (MPa)	≥10.4	
Ultimate Elongation Ratio (%)	≥200	
Aging in Circulation-Air Oven	158.0 ± 1.0°C, 168 hrs.	
After Aging	Tensile Strength (MPa)	≥7.28
	Ultimate Elongation Ratio (%)	≥100
Volume Resistivity (Ω.cm)	10 <sup>14</sup>	
Dielectric Strength (kV/mm)	≥15	
Flammability	VW-1	
Concentricity (%)	≥65	

**100 FT. HEAT SHRINK TUBING - ROLLS**

Add the suffix for the color when ordering: black=BK, red=R, blue=BL, yellow=Y, clear=C, green=G, white=W and violet=V.

PART #	SIZE (inch)	SIZE(mm)	STD CTN
HST01(X)100	1"	Ø25	100 ft./roll
HST34(X)100	3/4"	Ø20	100 ft./roll
HST12(X)100	1/2"	Ø13	100 ft./roll
HST38(X)100	3/8"	Ø9.0	100 ft./roll
HST14(X)100	1/4"	Ø6.5	100 ft./roll
HST316(X)100	3/16"	Ø4.5	100 ft./roll
HST18(X)100	1/8"	Ø3.0	100 ft./roll
HST332(X)100	3/32"	Ø2.0	100 ft./roll
HST116(X)100	1/16"	Ø1.5	100 ft./roll
HST364(X)100	3/64"	Ø1.0	100 ft./roll

**4 FT. HEAT SHRINK TUBING - STICKS**

Add the suffix for the color when ordering: black=BK, red=R, blue=BL, yellow=Y, clear=C, green=G, white=W and violet=V.

PART #	SIZE (inch)	SIZE(mm)	STD CTN
HST01(X)4	1"	Ø25	4 ft./25 sticks
HST34(X)4	3/4"	Ø20	4 ft./25 sticks
HST12(X)4	1/2"	Ø13	4 ft./25 sticks
HST38(X)4	3/8"	Ø9.0	4 ft./25 sticks
HST14(X)4	1/4"	Ø6.5	4 ft./25 sticks
HST316(X)4	3/16"	Ø4.5	4 ft./25 sticks
HST18(X)4	1/8"	Ø3.0	4 ft./25 sticks
HST332(X)4	3/32"	Ø2.0	4 ft./25 sticks
HST116(X)4	1/16"	Ø1.5	4 ft./25 sticks
HST364(X)4	3/64"	Ø1.0	4 ft./25 sticks



**DUAL-WALL HEAT-SHRINKABLE TUBING**

Manufactured by co-extrusion of irradiated cross-linking polyolefin and specifically designed hot melt adhesive. This tubing may be used in a wide variety of electrical applications, including back end connector sealing, breakouts, and connector to cable transitions. High expansion ratio makes it possible to repair most damaged cable jackets without removing connectors.



ITEM	SPECIFICATIONS	
Shrink Temperature (°C)	110	
Operating Temperature Range (°C)	-55~125	
Radial Shrink Ratio (%)	≥3:1	
Longitudinal Change (%)	≥10	
Tensile Strength (MPa)	≥10.4	
Ultimate Elongation Ratio (%)	≥200	
Aging in Circulation-Air Oven	158.0 ± 1.0°C, 168 hrs.	
After Aging	Tensile Strength (MPa)	≥7.3
	Ultimate Elongation Ratio (%)	≥7.3
Volume Resistivity (Ω.cm)	10 <sup>13</sup>	
Dielectric Strength (kV/mm)	≥15	
Flammability	VW-1	
Water Absorption (%)	Less than 0.4%	
Fluid Resistance	Excellent	
Copper Corrosion	No corrosion	
Softening Point (°C)	120+5	
Tissue Strength (N/25mm)	≥80	

**4 FT. HEAT SHRINK TUBING - STICKS** Available in Black only

PART #	SIZE (inch)	SIZE(mm)	STD CTN
DWHST01BK4	1"	Ø25	4 ft./25 sticks
DWHST34BK4	3/4"	Ø20	4 ft./25 sticks
DWHST12BK4	1/2"	Ø13	4 ft./25 sticks
DWHST38BK4	3/8"	Ø9.0	4 ft./25 sticks
DWHST14BK4	1/4"	Ø6.5	4 ft./25 sticks
DWHST316BK4	3/16"	Ø4.5	4 ft./25 sticks
DWHST18BK4	1/8"	Ø3.0	4 ft./25 sticks



## HEAT SHRINK TUBING



HSTBOX160



HSTBOX158B,  
HSTBOX160B,  
DHSTBOX62B

### 2.5" BOXED HEAT SHRINK

2:1 ratio; polyolefin

Quantity/sizes: (60) 1/16", (40) 1/8",  
(20) 3/16", (18) 1/4", (10) 3/8", (10) 1/2"

PART #	COLOR	QTY/BOX
HSTBOX158B	BLACK	158
HSTBOX158R	RED	158

### 4" BOXED HEAT SHRINK

2:1 ratio; polyolefin; Quantity/sizes:

(60) 1/16", (35) 3/32", (25) 1/18", (20) 3/16",  
(10) 1/4", (10) 3/8" Colors: Black, Blue,  
Clear, Green, Red, White, Yellow

PART #	COLOR	QTY/BOX
HSTBOX160	VARIOUS†	158
HSTBOX160B	BLACK	158

### 4" BOXED DUAL-WALL HEAT SHRINK

3:1 ratio; polyolefin; adhesive lined

Comes in the following qty/sizes:

(20) 1/8", (20) 2/16", (10) 1/4", (5) 3/8",  
(5) 1/2", (2) 3/4"

PART #	COLOR	QTY/BOX
DHSTBOX62B	BLACK	62



HSTBAG1018



HSTBAG24

### 6" BAGGED HEAT SHRINK - COLOR

Comes in the following qty/colors:

(2) Black, (1) Blue,  
(2) Clear, (1)  
Green, (2) Red,  
(1) White, (1) Yellow

PART #	SIZE	QTY/BAG
HSTBAG1018	1/8"	10
HSTBAG10316	3/16"	10
HSTBAG1014	1/4"	10
HSTBAG1038	3/8"	10

### 6" BAGGED HEAT SHRINK - BLACK

HSTBAG24 has 4 pieces per size: 3/32,  
1/8, 3/16, 1/4, 3/8, 1/2.

All others are 10 pieces of each size.

PART #	QTY/BAG
HSTBAG24	24
HSTBAG2018	10
HSTBAG20316	10
HSTBAG2014	10
HSTBAG2038	10



**HEAVY DUTY PRIMARY WIRE**

Quality wire for all your hook-up needs. Bare copper strands, 60° PVC jacket. 18, 16, and 14 AWG available red, black, white, blue, green, yellow, orange, brown, grey and violet. All others in red and black.

\*When ordering, indicate color of wire at the end of the part number. EXAMPLE: **PW-18 RED**.



PART NO.	AWG
500 ft. spools	
<b>PW-18</b>	18
<b>PW-16</b>	16
<b>PW-14</b>	14
<b>PW-12</b>	12
<b>PW-10</b>	10
<b>PW-8</b>	8
100 ft spools	
<b>PW-6 *</b>	6
<b>PW-4 *</b>	4

**RED AND BLACK HEAVY-DUTY ZIP CORD**

Polarized zip cord easy identification.



PART NO.	GAUGE	SPOOL/FT
<b>61-3001</b>	10	500
<b>61-3002</b>	10	100
<b>61-3003</b>	12	500
<b>61-3004</b>	12	100
<b>61-3005</b>	14	500
<b>61-3007</b>	16	500
<b>61-3009</b>	18	500
<b>61-3020</b>	20	1000
<b>61-3022</b>	22	1000
<b>61-3024</b>	24	1000

**WIRING ACCESSORIES**

**SPLIT-LOOM**

Black corrugated polyethylene tubing provides a harness protective covering. An easy opening seam permits quick wire insertion. Shipped in 100 ft. lengths



Additional savings available when split loom tubing is ordered in standard cartons. Call for details.

PART #	ID
<b>SLT-18</b>	1/8"
<b>SLT-14</b>	1/4"
<b>SLT-38</b>	3/8"
<b>SLT-12</b>	1/2"
<b>SLT-58</b>	5/8"
<b>SLT-34</b>	3/4"
<b>SLT-1</b>	1"

**CABLE CLAMPS**

Black nylon hang clamps allow the installation of wire bundles, cables, fiber optics, tubing or wire harnesses. Mounts securely with screw.



PART NO.	I.D.
<b>CCB-316</b>	3/16"
<b>CCB-14</b>	1/4"
<b>CCB-516</b>	5/16"
<b>CCB-38</b>	3/8"
<b>CCB-716</b>	7/16"
<b>CCB-12</b>	1/2"
<b>CCB-34</b>	3/4"
<b>CCB-1</b>	1"

**REGULAR TIES**

Self-locking non-corrosive nylon with a bent design for ease of installation and handling by tool or hand.



PART NO.	SIZE	COLOR	STRESS	I.D.**
<b>CT-4*</b>	4"	NATURAL	18 LB.	15/16"
<b>CT-4B</b>	4"	BLACK	18 LB.	15/16"
<b>CT-6</b>	6"	NATURAL	30 LB.	1 1/2"
<b>CT-6B</b>	6"	BLACK	30 LB.	1 1/2"
<b>CT-8</b>	8"	NATURAL	50 LB.	1 3/4"
<b>CT-8B</b>	8"	BLACK	50 LB.	1 3/4"
<b>CT-11</b>	11"	NATURAL	50 LB.	3"
<b>CT-11B</b>	11"	BLACK	50 LB.	3"
<b>CT-15</b>	15"	NATURAL	50 LB.	4"
<b>CT-15B</b>	15"	BLACK	50 LB.	4"

\*\*Maximum diameter bundle

**ADHESIVE BACKED TIE MOUNTS**

Natural colored nylon tie mount. Multidirectional; cable tie can enter from any side. Adhesive backed mount allows installation on most surfaces.

PART NO.	SIZE	STRESS
<b>CTM-1</b>	3/4"	40 lb
<b>CTM-2</b>	1"	50 lb



## PYLE SPEAKERS

# PYLE *Wave*



### PYLE SLIMLINE SPEAKERS

• All ferrofluid cooled voice coils • Grilles, hardware and wire included with all models except PLX 32

DESCRIPTION	PLX32	PLX42	PLX52	PLX62	PLX4102
SIZE	3.5"	4"	5.25"	6.5"	4" X 10"
RMS	40	50	60	75	100
DOMES TYPE	1" Mylar	1" Mylar	1" Mylar	1" Mylar	1" Mylar
OHMS	4	4	4	4	4
FREQUENCY RESPONSE	65-20kHz	65-20kHz	55-20kHz	50-20kHz	50-20kHz
2 WAY/3 WAY	2 Way	2 Way	2 Way	2 Way	2 Way
VOICE COIL	3/4"	1"	1"	1"	1"
CROSSOVER	Yes	Yes	Yes	Yes	Yes



### PYLE PLUS TWEETERS

• Includes crossovers

DESCRIPTION	PLWT4	PLWT3
SIZE	Mini	Mini Surf. Mnt.
RMS	100	60
DOMES TYPE	Piezo	Mylar
MAGNET	NA	NeoDymium
OHMS	NA	4
FREQUENCY RESPONSE	3k-30kHz	3k-24kHz
SPL@1W/1M	87dB	100dB
MOUNT	Surf. Flush Angle	Surf. Pivot Mnt.

### PYLE WATER RESISTANT SPEAKERS

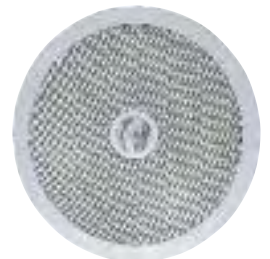
• Water resistant design  
• Polypropylene cones



PART #	SIZE	WT.	V.C	RMS	IMP.	SPL	FS
PLMRW10	10"	60 oz.	1.5"	200W	4Ω	93 dB	25 -2.5kHz
PLMRW12	12"	40 oz.	2"	600W	4Ω	94 dB	20 -2.5kHz

### PYLE IN-CEILING SPEAKERS

• Built-in electronic crossover network  
• Vented design for deep base response  
• PDIC60: 9"H x 9"W x 2.75"D  
• PDIC80: 10.75"H x 10.75"W x 3.5"D



PART #	SIZE	TWEETER.	V.C	PEAK	IMP.	FS
PDIC60	6.5"	1" Titanium	1"	250W	4-8Ω	65 -22Hz
PDIC80	8"	1" Titanium	1.5"	300W	4-8Ω	55-22Hz

**PYLE IN-WALL SPEAKERS**

- Built-in electronic crossover network
- ± 3dB variable boost
- PDIW52:11.25"H x 7.625"W x 2.75"D
- PDIW62:12.5"H x 8.75"W x 2.875"D



PART #	SIZE	TWEETER.	WOOFER	V.C	PEAK	IMP.	FS
PDIW52	5.25"	1" Titanium	5.25"	1"	200W	4-8ø	70 -22Hz
PDIW62	6.5"	1" Titanium	6.5"	1"	250W	4-8ø	65-22Hz

**PYLE INDOOR/OUTDOOR SPEAKERS**

- PDWR53:11.25"H x 7.625"W x 2.75"D
- PDWR63:12.5"H x 8.75"W x 2.875"D



PART #	SIZE	SPL	PEAK	IMP.	FS
PDWR53	5.25"	88dB	250W	8ø	85 -20Hz
PDWR63	6.5"	94dB	350W	8ø	50-20Hz



**PYLE 2-WAY WATER RESISTANT SPEAKERS**

- 2-Way water resistant design
- 1/2" Neodymium dome tweeter
- Poly-carbon cones

PART #	SIZE	V.C	RMS	IMP.	SPL	FS
PLMR52	5.2"	1"	70W	4Ω	88 dB	100Hz-20Khz
PLMR62	6.5"	1"	75W	4Ω	90 dB	85Hz-20Khz
PLMR692	6" X 9"	1.25"	125W	4Ω	92 dB	55Hz-20Khz



**CTS/MOTOROLA STYLE IMPORT PIEZO HORN TWEETERS**

Quality PIEZO CERAMIC speakers made of high temperature black plastic. Piezo tweeters require no voice coils or crossovers delivering cleaner response, high output levels, excellent transient response, high impedance, low harmonic distortion and long term stability.

PART #	SIZE	CAPACITY	SPL	FS
1005i	33/8" sq. flush mount	60W@5kHz	96 dB	3.5kHz/30kHz
1016i	2" X 5"	60W@5kHz	96 dB	3.5kHz/30kHz
1025i	3" X 7"	80W@5kHz	97 dB	2.5kHz/35kHz
1056i	33/4" round	60W@5kHz	96 dB	3.5kHz/30kHz



**DIRECTIVITY HORNS**

- Lenses are molded ABS plastic • Standard 1.375" X 18 TPI
- Compatible with GT400CD & GT500CD drivers
- Drivers have Standard 1.375" X 18 TPI throat

PART #	SIZE	TYPE	CAP. MAX	SPL	FS
GT300PB	6.125" X 7.688"	Lens	-	-	-
GT400PB	4.375" X 10.438"	Lens	-	-	-
GM500PB	6.93" X 13.875"	Lens/Metal Insert	-	-	-
GM600PB	4.5" X 12"	Lens	-	-	-
GT400CD	1.375" Throat	Driver/ceramic	100W	92 dB	1.8kHz/30kHz
GM500CD	1.375" Throat	Driver/1.5 V.C.	80W	99 dB	600Hz/31kHz



## OEM SPEAKERS & SPEAKER ACCESSORIES



GT302S



GT310S



GT324



GT25

### DLC OEM TWEETERS

• 8 ohms only

PART #	SIZE	WT.	V.C.	Fs	SPL	RMS	MAX
GT302S	2 3/8"	1 oz.	.5"	4k-19k	94dB	180W	280W
GT310S	3 1/4"	1 oz.	1	33-5kHz	96dB	190W	290W
GT324	3 5/8"	1 oz.	-	28-4.4kHz	96dB	200W	300W
GT25	3 1/2"	1 oz.	-	28-4.4kHz	96dB	200W	300W



GW2044S, 8S



GW2054S, 8S



GW2064, 68



GW2104, 08



GW2124, 28  
GW2154, 58

### POLY LAMINATED WOOFERS

• Foam surround • Vented magnets

PART #	SIZE	WT.	V.C.	RMS	IMP.	SPL	FS
GW2044S†	4"	11 oz.	1"	40W	4Ω	83 dB	70-10k
GW2048S†	4"	11 oz.	1"	40W	8Ω	83 dB	70-10k
GW2054S†	5.25"	14 oz.	1"	70W	4Ω	84 dB	62-9k
GW2058S†	5.25"	14 oz.	1"	70W	8Ω	84 dB	62-9k
GW2064	6.5"	20 oz.	1.5"	90W	4Ω	88 dB	56-8k
GW2068	6.5"	20 oz.	1.5"	90W	8Ω	88 dB	56-8k
GW2084	8"	20 oz.	1.5"	100W	4Ω	87 dB	45-6k
GW2088	8"	20 oz.	1.5"	100W	8Ω	87 dB	45-6k
GW2104	10"	20 oz.	1.5"	110W	4Ω	90 dB	40-5k
GW2108	10"	20 oz.	1.5"	110W	8Ω	90 dB	40-5k
GW2124	12"	20 oz.	1.5"	120W	4Ω	88 dB	34-2k
GW2128	12"	20 oz.	1.5"	120W	8Ω	88 dB	34-2k
GW-2154	15"	20 oz.	1.5"	130W	4Ω	85 dB	26-2k
GW-2158	15"	20 oz.	1.5"	130W	8Ω	85 dB	26-2k
GW-215/40/8	15"	40 oz.	1.5"	150W	8Ω	90 dB	30.5Hz



GM654/8



GM854/8



GM35

### MIDRANGES

• GM65 and Series and GM35: Foam/Paper • GM85 Series: Foam/Polymer

PART #	SIZE	WT.	V.C.	RMS	IMP.	SPL	FS
GM654	5.25"	10 oz.	.75"	50W	4Ω	92 dB	550-15k
GM658	5.25"	10 oz.	.75"	50W	8Ω	92 dB	550-15k
GM854	5.25"	12 oz.	1"	60W	4Ω	96 dB	550-15k
GM858	5.25"	12 oz.	1"	60W	8Ω	96 dB	550-15k
GM35	5.25"	3 oz.	.75"	135W	8Ω	97 dB	550-15k

### DELMAR WOOFERS

• Rubber surround • Poly-mica cone  
• Bumper plate • Vented Pole Piece  
• Die-cast aluminum frame • 8 ohm



PART #	SIZE	WT.	V.C.	RMS	IMP.	SPL	FS
GW/8PC/8	8"	30 oz.	1.5"	165W	8Ω	91 dB	55hz
GW/10PC/8	10"	40 oz.	1.5"	200W	8Ω	93 dB	48hz
GW/12PC/8	12"	50 oz.	2"	225W	8Ω	93 dB	33hz

### BUTYL SURROUNDS

• Hi-temp voice coils • Vented magnets • Poly-mica cones



PART #	SIZE	WT.	V.C.	RMS	IMP.	SPL	FS
GW6024	6.5"	20 oz.	1.5"	90W	4Ω	85 dB	35-8k
GW6028	6.5"	20 oz.	1.5"	90W	8Ω	85 dB	35-8k
GW8024	8"	20 oz.	1.5"	100W	4Ω	84 dB	28-8k
GW8028	8"	20 oz.	1.5"	100W	8Ω	84 dB	28-8k
GW1034	10"	30 oz.	1.5"	130W	4Ω	86 dB	22-7k
GW1038	10"	30 oz.	1.5"	130W	8Ω	86 dB	22-7k
GW1244	12"	40 oz.	2"	150W	4Ω	87 dB	18-5k
GW1248	12"	40 oz.	2"	150W	8Ω	87 dB	18-5k



**MUSICAL INSTRUMENT SPEAKERS**

- Treated accordion paper edges
- Vented magnets
- Poly-laminated cones



PART #	SIZE	WT.	V.C	RMS	IMP.	SPL	FS
GW1058	10"	50 oz.	2.5"	150W	8Ω	96 dB	46-3k
GW1258	12"	50 oz.	2.5"	150W	8Ω	96 dB	36-2.7k
GW1558	15"	50 oz.	2.5"	150W	8Ω	95 dB	39-2.5k



**H1020 ENCLOSURE HANDLE**

This large speaker enclosure handle is made of A.B.S. plastic in black. Approx. Dimensions: 8 5/8" x 6 3/4" x 2" deep, Fixing Hole: 3/16".

**SH4050 ENCLOSURE HANDLE**

This large speaker enclosure handle is made of H.D. metal in black finish. Approx. Dimensions: 6 3/8" x 4 1/4" x 1" deep, Fixing Hole: 3/16".

**SH-01 STRAP HANDLE**

Black rubber strap handle with black fittings. Great for handling any speaker enclosure. Easily mounted. 1" x 10".

**METAL SPEAKER CABINET CORNERS**



**GC-304N**  
**GC-304B**  
**GC-303N**  
**GC-303B**

Designed to protect the corners of speaker cabinets, these nickel plated corners and "satin-black" finish corners are engineered with 3 legs and 3 holes for solid connection and protection.



**STA-2 SQUARE TERMINAL CUP**

Square mounting plate with round cup insert. Molded-in terminals with lever actuators. Accepts up to 14 gauge wire. Overall size: 2 3/16" square. Mounts in a 1 7/8" dia. hole.

**STA-4 TERMINAL CUP**

Great vibration resistance. Leak proof, of 1-piece molded construction. 3 11/16" x 3 1/8". Fits 2 3/4" x 2 3/16" hole. Gold Plated banana jacks will accept Dual Banana Plugs.

**RGT3000 RECTANGLE TERMINAL CUP**

3 11/16" x 3 1/8" rectangle terminal. Gold plated posts and knobs. Fits into 2 3/4" x 2 3/16" cut-out holes.

**STA-3 TERMINAL CUP**

Round mounting plate with round cup insert. Molded-in terminals with lever actuators. Heavy duty coil springs. No screws required. Overall size: 2 3/16" dia. Mounts in a 1 7/8" hole.

**RGT5000 ROUND TERMINAL CUP**

3" round terminal cup. Constructed with high-quality plastic for use with heavy-duty speaker wire. Posts, inserts and knobs are gold plated. Fits into 1 15/16" cut-out holes.

**RDK24 ROUND TERMINAL CUP**

2 15/16" round terminal cup. Constructed with high-quality plastic for use with heavy-duty speaker wire. Fits 1 15/16" cut-out holes.

**STA-5 ROUND TERMINAL CUP**

Heavy duty Round Terminal Cup with red and black plastic 5-way binding post, gold plated terminals and inserts, 4 1/8" round fits 3 1/8" hole.

**RGT4000 ROUND TERMINAL CUP**

4 1/8" round terminal cup. Constructed with high-quality plastic for use with heavy-duty speaker wire. Knobs, inserts and posts are gold plated; fits 3 1/8" cut-out holes.

## SPEAKER ACCESSORIES

### PORT TUBES

Port tubes are designed to help direct the back wave of the speakers through the venting holes, achieving a true deep bass.



MODEL NO.	DIA. X HT.
PT-2G	2 1/4" X 2 3/8"
PT-3G	2 1/4" X 5"
PT-4G	2 3/4" X 4 5/8"
PT-5G	4" X 5"

### C1536 LARGE DELUXE STACKING CORNER

Made of black plastic.



MODEL NO.	DIMENSIONS
C1536	4" x 4" x 3"

### WAFLE GRILLES

These steel grilles will enhance your speaker's looks and give them added protection against punctures. Available in black.



MODEL NO.	SIZE	MODEL NO.	SIZE
MTR-05	5"	MTR-12	12"
MTR-06	6"	MTR-15	15"
MTR-08	8"	MTR-18	18"
MTR-10	10"		

### MOUNTING HARDWARE FOR MTR SERIES GRILLE

Black plastic clips used to hold MTR Series grilles in place. Hardware kit includes 4 clips, 4 screws and 4 nuts. Clips also sold separately.



MTR-001 (Kit)      MGH2 (Clips Only)

### PR-269 PYRAMID 6" x 9" SPEAKER ENCLOSURES

Gift boxed. Carpeted, 6" x 9" Front loadable; fits hatch back under/behind seats with pre-wired terminal cups inserted.



### SOFT BAFFLES

XTC soft molded baffles are a great way to water-proof your door speakers, add extra bass, or air-seal your midranges in your speaker enclosure.

MODEL NO.	DESCRIPTION	DEPTH
VXT40	4" round	3 7/8"
VXT55	5 1/4" round	3 7/8"
VXT60	6 1/2" round	4 1/2"
VXT69	6" x 9" oval	4 1/2"
VXT80	8" round	4 1/2"



### SPEAKER GRILLES

Black metal ring and metal grille. Low profile design, acoustically engineered.

MODEL NO.	SIZE	MODEL NO.	SIZE
MGR-45	4 1/2"	MGR-80	8"
MGR-525	5 1/4"	MGR-10	10"
MGR-6050	6 1/2"	MGR-12	12"

## SINGLE & DUAL BANANA PLUGS

### SINGLE & DUAL BANANA PLUGS

These banana plugs for securing wire, up to 10g. Fits all standard speaker jacks. Color coded for positive and negative poles.



### BINDING POSTS/BANANA PLUGS



### 2 PIN QUICK DISCONNECT BULLET LEADS

2 Pin molded connector with 12" long wire harness and color coded leads.



PART #	DESCRIPTION	COLOR
68-0703R	DUAL BANANA PLUG/JACK GOLD PLATED	RED
68-0703B	DUAL BANANA PLUG/JACK GOLD PLATED	BLACK
68-0704R	DUAL BANANA PLUG	RED
68-0704B	DUAL BANANA PLUG	BLACK
68-0705R	BANANA PLUG	RED
68-0705B	BANANA PLUG	BLACK
68-0706R	BANANA PLUG	RED
68-0706B	BANANA PLUG	BLACK
68-0711R	GOLD-PLATED BANANA PLUG	RED
68-0711B	GOLD-PLATED BANANA PLUG	BLACK

PART #	DESCRIPTION	COLOR
68-0707R	BANANA JACKS	RED
68-0707B	BANANA JACKS	BLACK
68-0709R	5-WAY BINDING POST	RED
68-0709B	5-WAY BINDING POST	BLACK
68-0713	DUAL BINDING POST/BANANA JACKS	RED & BLACK

PART #	PIN/AWG.	LENGTH
32-1010	2-pin/10 AWG	12"
32-1012	2-pin/12 AWG	12"
32-1014	2-pin/14 AWG	12"
32-1016	2-pin/16 AWG	12"
32-1018	2-pin/18 AWG	12"

## BATTERY CLIPS/IC CLIPS/TEST LEADS

### BATTERY CLIPS

Wide mouth, spring-loaded battery clips. Color coded red and black.

PART #	Description	Color
68-0764R	3" - 30 AMPS	RED
68-0764B	3" - 30 AMPS	BLACK
68-0766R	4" - 50 AMPS	RED
68-0766B	4" - 50 AMPS	BLACK



### TEST LEADS

Alligator clip test leads. Each set contains 10 cables. 2-white, 2-red, 2-green, 2-black, and 2-yellow.

PART #	Alligator Clip Type	Lead Length
68-0780	SM (1" Clip)	18"
68-0782	MD (1 1/2" Clip)	22"
68-0784	LG (1 3/4" Clip)	22"
68-0785	Hvy Dty (1 3/4" Clip)	30"



### IC CLIP & TEST LEAD PROBE SETS

36" red and black color coded ends in various configurations.



PART #	END-A	END-B
68-0810	IC CLIP	PIN PLUG
68-0820	IC CLIP	BANANA PLUG
68-0830	IC CLIP	IC CLIP
68-0840	TEST LEAD	PIN PLUG
68-0850	TEST LEAD	BANANA PLUG

### MINI IC CLIPS 1 1/2" LONG

Firmly clips on to large or small wires and terminals so hands are free to do other work.



PART #	COLOR
68-0744	RED
68-0746	BLACK



## DC PLUGS, JACKS & ADAPTORS

### DC POWER SUPPLY PLUGS



PART #	DESCRIPTION
68-0010	1.0mm (I.D.) X 3.8mm (O.D.)
68-0013	1.3mm (I.D.) X 3.5mm (O.D.)
68-0021	2.1mm (I.D.) (Short) X 5.5mm (O.D.)
68-0025L	2.5mm (I.D.) (Long) X 5.5mm (O.D.)
68-0030	3.0mm (I.D.) X 6.3mm (O.D.)

### DC POWER CHASSIS JACK



PART #	DESCRIPTION
68-00421	2.1mm (I.D.)
68-0425	2.5mm (I.D.)

### DC POWER IN-LINE PLUG



PART #	DESCRIPTION
68-00521	2.1mm (I.D.)
68-0525	2.5mm (I.D.)

## CIGARETTE LIGHTER PLUG & EXTENSIONS

### CIGARETTE LIGHTER PLUGS



PART #	DESCRIPTION	PART #	DESCRIPTION
31-3005	Lighter and Socket	31-3015	Lighter Socket
31-3009	Lighter Socket	31-3017	Dual Lighter Socket
31-3011	Lighter plug, fused	31-3019	Lighter Plug

### CIGARETTE LIGHTER EXTENSION CORDS



PART #	DESCRIPTION	PART #	DESCRIPTION
31-4015	15 Ft Extension Cord	31-4506	6 Inch "Y" Cord
31-4115	15 Ft Coiled Cord		

## CB MICROPHONES & PANEL MOUNT CONNECTORS

### CB MICROPHONE PLUG - CHROME



PART #	SIZE
31-1004	4 pin
31-1005	5 pin
31-1006	6 pin
31-1008	8 pin

### CB MICROPHONE PLUG - DIE-CAST



PART #	SIZE
31-1404	4 pin

### PANEL MOUNT MALE CONNECTOR



PART #	SIZE
31-1204	4 pin
31-1205	5 pin
31-1206	6 pin
31-1208	8 pin

### CB MICROPHONE PLUG - RIGHT ANGLE



PART #	SIZE
31-1604	4 pin
31-1605	5 pin



## FUSE HOLDERS

### 3AG/AGC IN-LINE FUSE HOLDER 18 GA.

Universal in-line fuse holder in white plastic. 18 gauge wire loop. For 3AG/AGC type fuses.

65-5618



### 3AG/AGC IN-LINE FUSE HOLDERS WITH SCREW-ON TOP

Universal in-line fuse holder made of black plastic "Bakelite". For 3AG/AGC type fuses.



PART #	AWG.
65-5408	08
65-5410	10
65-5412	12
65-5414	14

### MINI ATM FUSE HOLDER

Waterproof in-line fuse holder for mini blade type fuses. Available w/12 or 16 gauge wire.



PART #	AWG.
FH-M12	12
FH-M16	16

### ATC FUSE HOLDER WITH WATERPROOF COVER

Quality rubber holders with wire loop. Holds fuse securely and protects from impact.



PART #	AWG.
65-5010	10
65-5012	12
65-5014	14
65-5016	16
65-5018	18

### DELUXE MAXI FUSE HOLDER W/WATERPROOF COVER

Quality rubber fuse holder with attached protective cover and 8 gauge wire. Accepts MAXI fuses up to 60 amps.



65-5308

## FUSE BLOCKS, BARRIER STRIPS & CIRCUIT PROTECTORS

### ATC AUXILIARY FUSE BLOCK

This ATC style fuse distribution block features a single input prewired with 24" of 10GA wire that feeds 6 individually fused outputs. Ideal for connecting alarms, audio/video systems, and other accessories. Includes mounting screws.

AFB-400



### COVERED BARRIER STRIPS

Double-row barrier strips with snap-on clear plastic cover. Available for 4, 6, 12 and 30 terminals.



PART #	SECTION
64-8004	4
64-8006	6
64-8012	12

### FLEXIBLE TERMINAL STRIPS

Vinyl insulated female disconnects, .250". Flexible PVC Screw terminal strip. Easily bent in any direction. 12 double rows. Cut to desired number of poles.

64-8029



### AUTO-RESET CIRCUIT BREAKERS

Designed to give overload protection in automotive and electronic equipment, these breakers have heavy duty contacts and a snap-action bi-metal blade that provides quick action on contact make-and-break. Automatic reset type. In an overload, the breaker will begin to cycle, alternately opening and closing the circuit until the fault is removed. Mixed quantities accepted.



PART NO.	AMPS	PART NO.	AMPS
54-215	15	54-230	30
54-220	20	54-240	40
54-225	25	54-250	50

### BUSSMANN® HIGH AMP MANUAL RESET CIRCUIT PROTECTORS

This new circuit protector is typically used in primary feeder circuits in trucks, buses, recreational vehicles and high-end mobile electronic applications. This circuit protector is a single pole, thermal device, rated up to 30V DC. Perfect for applications requiring panel or fire wall mounting. Possesses a unique reset mechanism which provides a positive, visible indication of a tripped condition.



PART NO.	AMPS	PART NO.	AMPS
MRCB-50	50	MRCB-120	120
MRCB-70	70	MRCB-135	135
MRCB-100	100	MRCB-150	150

## FUSE, FUSE TAPS & FUSE HOLDERS

### DELUXE MAXI FUSES

High current plug-in type fuse.

Please specify amperage when ordering.  
Amperage: 20, 30, 40, 50, 60.



PART #	AMPS	PART #	AMPS
MAXI-20	20	MAXI-50	50
MAXI-30	30	MAXI-60	60
MAXI-40	40		

### ATC BLADE TYPE FUSES

This fuse may also be used in a wide variety of low voltage applications.  
Amperage: 1, 2, 3, 4, 5, 7.5, 10, 15, 20, 25, 30, 40.



PART NO.	AMPS	PART NO.	AMPS
ATC-1	1	ATC-10	10
ATC-2	2	ATC-15	15
ATC-3	3	ATC-20	20
ATC-4	4	ATC-25	25
ATC-5	5	ATC-30	30
ATC-7.5	7.5	ATC-40	40

### MINI ATM BLADE-TYPE FUSES

Standard for new cars.  
Amperage: 2, 3, 4, 5, 7.5, 10, 15, 20, 25, 30.



PART NO.	AMPS	PART NO.	AMPS
ATM-2	2	ATM-10	10
ATM-3	3	ATM-15	15
ATM-4	4	ATM-20	20
ATM-5	5	ATM-25	25
ATM-7.5	7.5	ATM-30	30



### FUSE TAPS

- A FT-1** ATC fuse tap with .250" male disconnect.
- B FT-2** ATM fuse tap with .187" male disconnect.
- C FT-3** ATC fuse tap with .250" male disconnect. Clips onto fuse leg.
- D FT-4** ATM fuse tap with .187" male disconnect. Clips onto fuse leg.

### ATM FUSE "ADD-A-LINE"

Protect electronics, cellular phones, auxiliary lights, & accessories w/mini ATM fuseholder.  
Add a line to any 12 volt set-up.

HHH



### ATC FUSE "ADD-A-LINE"

Protect electronics, cellular phones, auxiliary lights, and accessories with the mini ATC fuse holder. Add a line to any 12 volt set-up.

HHA

### 9V BATTERY SNAPS

"I" OR "T" Style; 6" leads

32-8007DLX6,  
32-8007



32-8006,  
32-8006DLX6

PART #	TYPE
32-8006	I-STYE
32-8006DLX6	I-STYE
32-8007	T-STYE
32-80067DLX6	T-STYE

## MICROPHONE CABLES, ADAPTORS & HOLDERS

### MICROPHONE CABLES

Low noise shielded cable



12-0220

12-0460

12-0220

PART #	DESCRIPTION
12-0220	1/4" Phone Plug to 1/4" Phone Jack. 20 ft
12-0420	1/4" Phone Plug to 3-Pin Female. 20 ft
12-0460	1/4" Phone Plug to 3-Pin Female. 60 ft
12-0620	3-Pin Male to 3-Pin Female. 20 ft
12-0660	3-Pin Male to 3-Pin Female. 60 ft
12-0820	3-Pin Male to 3-Pin Male. 20 ft
12-0920	3-Pin Female to 3-Pin Female. 20 ft

### "CANON" STYLE CONNECTORS



12-1014

12-1033

PART #	TYPE
12-1013	3 Pin Male
12-1014	4 Pin Male
12-1015	5 Pin Male
12-1027	7 Pin Male
12-1033	3 Pin Female
12-1034	4 Pin Female
12-1035	5 Pin Female
12-1037	7 Pin Female

### RIGHT ANGLE CONNECTORS



12-1053

12-1073

PART #	TYPE
12-1053	3 Pin Male
12-1054	4 Pin Male
12-1073	3 Pin Female
12-1074	4 Pin Female

### MALE/FEMALE CONNECTORS



12-1093

12-1113

PART #	TYPE
12-1093	3 Pin Male
12-1113	3 Pin Female

### PANEL MOUNTS



12-1173

12-1193

PART #	TYPE
12-1173	3 Pin Male
12-1174	4 Pin Male
12-1175	5 Pin Male
12-1193	3 Pin Female
12-1194	4 Pin Female
12-1195	5 Pin Female

### MICROPHONE HOLDER

Universal type, opens to various widths to fit all sizes



12-1450

## MICROPHONE ADAPTORS/TRANSFORMERS

### 3 PIN CONNECTORS



12-1253

12-1273

12-1263

PART #	DESCRIPTION
12-1253	3-Pin, Male to Male, Prewired: 1/1, 2/2, 3/3
12-1263	3-Pin, Male to Female, Prewired: 1/1, 2/2, 3/3
12-1273	3-Pin, Female to Female, Prewired: 1/1, 2/2, 3/3
12-1293	Standard Phone Plug to 3-Pin Male
12-1313	Standard Phone Plug to 3-Pin Female

### 3 PIN CONNECTORS



12-1353

12-1393

12-1333

12-1273

12-1430

PART #	DESCRIPTION
12-1333	Standard Phone Jack to 3-Pin Male
12-1353	Standard Phone Jack to 3-Pin Female
12-1373	RCA Phone Jack to 3-Pin Male
12-1393	RCA Phone Jack to 3-Pin Female
12-1430	Low Imped. side: 3-Pin Female/Hi Imped. side: 1/4" Phone Plug

## CB MICROPHONE HOLDERS

### CB MICROPHONE HOLDER - SCREW MOUNT

Comes with 2 metal screws



32-8005

### CB MICROPHONE HOLDER - MAGNET MOUNT

Metal clip with mount



32-8010



## RCA PLUGS & JACKS



PART #	DESCRIPTION
12-2101	RCA Phone Plug/Metallic Shielded Handle
12-2103	RCA Phone Jack/Metallic Shielded Handle
12-2105BLK	RCA Phone Plug/Plastic Shell - Black
12-2105RED	RCA Phone Plug/Plastic Shell - Red
12-2107BLK	RCA Phone Jack/Plastic Shell - Black
12-2107RED	RCA Phone Jack/Plastic Shell - Red
12-2111BLK	Gold-plated RCA Phone Plug with Strain Relief - Black
12-2111RED	Gold-plated RCA Phone Plug with Strain Relief - Red



PART #	DESCRIPTION
12-2113BLK	Gold-plated RCA Phone Jack with Strain Relief - Black
12-2113RED	Gold-plated RCA Phone Jack with Strain Relief - Red
12-2117BLK	RCA Phone Jack/Plastic Shell - Black
12-2117RED	RCA Phone Jack/Plastic Shell - Red
12-2119BLK	RCA Phone Jack/Plastic Shell with Strain Relief - Black
12-2119RED	RCA Phone Jack/Plastic Shell with Strain Relief - Red
12-2121RED	RCA Phone Jack/Chassis Mount - Red

## RCA ADAPTORS



PART #	DESCRIPTION
12-2501	RCA Phone Plug to RCA Phone Plug (Plastic)
12-2505	RCA Phone Jack to RCA Phone Jack (Plastic)
12-2509	Dual RCA Type Coupler (Plastic)



PART #	DESCRIPTION
12-2525	RCA Phone Jack to RCA Phone Jack (Metal)
12-2527	RCA Phone Jack to RCA Phone Jack (Gold Plated)

## STANDARD 1/4" PHONE PLUGS



## STANDARD 1/4" MONO/STEREO PHONE PLUGS

PART NO.	DESCRIPTION
12-3500BLK	Gold-plated Mono-2 Conductor with Strain Relief - Black
12-3500RED	Gold-plated Mono-2 Conductor with Strain Relief - Red
12-3501	Mono-2 Conductor (metal) with Strain Relief
12-3503	Mono-2 Conductor (metal) w/o Strain Relief
12-3504	Mono-2 Conductor (metal) with large hole
12-3505	Stereo-3 Conductor (metal) with Strain Relief
12-3506BLK	Gold-plated Stereo-2 Conductor with Strain Relief - Black
12-3506RED	Gold-plated Stereo-2 Conductor with Strain Relief - Red
12-3507	Stereo-3 Conductor (metal) w/o Strain Relief
12-3509	Mono-2 Conductor (plastic) with Strain Relief
12-3511	Mono-2 Conductor (plastic) w/o Strain Relief
12-3513	Stereo-3 Conductor (plastic) with Strain Relief
12-3515	Stereo-3 Conductor (plastic) w/o Strain Relief
12-3520	Mono 1/4" Right Angle



## AUDIO PLUGS/JACKS/ADAPTORS



### STANDARD 1/4" MONO/STEREO PHONE JACKS

PART NO.	DESCRIPTION
12-3525	Mono-2 Conductor (metal) with Strain Relief
12-3527	Mono-2 Conductor (metal) w/o Strain Relief
12-3529	Stereo-3 Conductor (metal) with Strain Relief
12-3531	Stereo-3 Conductor (metal) w/o Strain Relief
12-3533	Mono-2 Conductor (plastic) with Strain Relief
12-3535	Mono-2 Conductor (plastic) w/o Strain Relief
12-3537	Stereo-3 Conductor (plastic) with Strain Relief
12-3539	Stereo-3 Conductor (plastic) w/o Strain Relief



### 1/4" MONO/STEREO PHONE JACKS (CHASSIS MOUNT)

PART NO.	DESCRIPTION
12-3541	Mono-2 Conductor - Open Circuit Type
12-3543	Mono-2 Conductor - Close Circuit Type
12-3545	Stereo-3 Conductor - Open Circuit Type
12-3547	Stereo-3 Conductor - Close Circuit Type
12-3549	Mono-2 Conductor - Open Circuit Type
12-3551	Mono-2 Conductor - Close Circuit Type



### 3.5MM MONO/STEREO MINI PLUGS/JACKS

PART NO.	DESCRIPTION
12-4000	Mono Plug - Metal
12-4005	Stereo Plug - Metal
12-4015	Mono Plug with Strain Relief- Plastic
12-4020	Stereo Plug with Strain Relief- Plastic
12-4030	Mono Jack - Metal
12-4035	Stereo Jack - Metal
12-4040	Mono Jack - Chassis Mount
12-4041	Stereo Jack Chassis Mount
12-4045	Mono Jack with Strain Relief- Plastic
12-4050	Stereo Jack with Strain Relief- Plastic
12-4055	Mono Jack Chassis Mount- Closed Circuit



### 2.5MM MONO/STEREO SUB-MINI PLUGS/JACKS

PART NO.	DESCRIPTION
12-4200	Mono Plug - Metal
12-4205	Stereo Plug - Metal
12-4210	Mono Jack - Metal
12-4215	Mono Plug - Plastic
12-4216	Mono Plug - Plastic
12-4220	Stereo Plug - Plastic
12-4225	Stereo Jack - Metal
12-4230	Mono Jack - Plastic
12-4235	Stereo Jack - Plastic
12-4240	Mono Jack Chassis Mount- Closed Circuit

## AUDIO PLUGS/JACKS/ADAPTORS



## AUDIO ADAPTORS

PART NO.	DESCRIPTION
12-7055, 7070	RCA Phone Plug to 3.5 mm Mono Jack - Plastic
12-7060	Y-Type Adaptor RCA Phone Plug to 2-3.5mm Mono Jacks
12-7070	RCA Phone Plug to 3.5mm Stereo Jack - Plastic
12-7180	6.3mm Mono Plug to 6.3mm Stereo Jack - Plastic
12-7205	6.3mm Mono Plug to 3.5mm Mono Jack - Plastic
12-7320	6.3mm Stereo Plug to 3.5mm Mono Jack - Plastic
12-7335	6.3mm Stereo Plug to 3.5mm Stereo Jack - Plastic
12-7385	6.3mm Mono Jack to 6.3mm Mono Jack - Plastic
12-7395	6.3mm Stereo Jack to 6.3mm Stereo Jack - Plastic
12-7405	3.5mm Mono Plug to RCA Phone Jack - Plastic
12-7415	3.5mm Mono Plug to 6.3mm Mono Jack - Plastic
12-7475	Y Adaptor 3.5mm Mono Plug to (2) 3.5mm Mono Jacks - Plastic
12-7525	3.5mm Stereo Plug to RCA Phone Jack - Plastic
12-7530	Y Adaptor 3.5mm Stereo Plug to (2) RCA Phone Jacks - Plastic
12-7595	Y Adaptor 3.5mm Stereo Plug to (2) 3.5mm Stereo Jacks -Plastic
12-7615	3.5mm Stereo Plug to 2.5mm Mono Jacks -Plastic
12-7655	2.5mm Mono Plug to RCA Phone Jack -Plastic
12-7670	2.5mm Mono Plug to 6.3 Mono Jack -Plastic
12-7700	2.5mm Mono Plug to 3.5 Stereo Jack -Plastic
12-7745	2.5mm Stereo Plug to 3.5 Stereo Jack -Plastic

## SHIELDED AUDIO CABLES



### AUDIO CABLES - DUAL RCA PLUG TO RCA PLUG

PART NO.	DESCRIPTION
11-1401	1' RCA Plug to RCA Plug- Stereo (Shielded) Cable
11-1403	3' RCA Plug to RCA Plug- Stereo (Shielded) Cable
11-1404	4' RCA Plug to RCA Plug- Stereo (Shielded) Cable
11-1406	6' RCA Plug to RCA Plug- Stereo (Shielded) Cable
11-1410	10' RCA Plug to RCA Plug- Stereo (Shielded) Cable
11-1412	12' RCA Plug to RCA Plug- Stereo (Shielded) Cable
11-1415	15' RCA Plug to RCA Plug- Stereo (Shielded) Cable
11-1417	17' RCA Plug to RCA Plug- Stereo (Shielded) Cable
11-1420	20' RCA Plug to RCA Plug- Stereo (Shielded) Cable
11-1425	25' RCA Plug to RCA Plug- Stereo (Shielded) Cable



11-1603

### AUDIO CABLES - RCA PLUGS TO RCA JACKS

PART NO.	DESCRIPTION
11-1603	3' (2)RCA Plug to (2)RCA Jacks- Extended (Shielded) Cable
11-1606	6' (2)RCA Plug to (2)RCA Jacks- Extended (Shielded) Cable



11-2004

### GOLD-PLATED AUDIO CABLES - RCA PLUGS TO RCA PLUGS

PART NO.	DESCRIPTION
11-2004	4' (2)RCA Plug to (2)RCA Plug- Gold-Plated Stereo (Shielded) Cable
11-2006	6' (2)RCA Plug to (2)RCA Plug- Gold-Plated Stereo (Shielded) Cable
11-2010	10' (2)RCA Plug to (2)RCA Plug- Gold-Plated Stereo (Shielded) Cable
11-2015	15' (2)RCA Plug to (2)RCA Plug- Gold-Plated Stereo (Shielded) Cable



11-1006



11-3815



11-5502, 5503

**AUDIO CABLES MONO RCA PLUG TO RCA PLUG**

PART NO.	DESCRIPTION
11-1003	3' RCA Plug to RCA Plug- Mono (Shielded) Cable
11-1004	4' RCA Plug to RCA Plug- Mono (Shielded) Cable
11-1005	5' RCA Plug to RCA Plug- Mono (Shielded) Cable
11-1006	6' RCA Plug to RCA Plug- Mono (Shielded) Cable
11-1010	10' RCA Plug to RCA Plug- Mono (Shielded) Cable
11-1025	25' RCA Plug to RCA Plug- Mono (Shielded) Cable

**AUDIO CABLES - 2.5/3.5MM STEREO PLUG TO STEREO PLUG/JACK**

PART NO.	DESCRIPTION
11-5502	3' Right Angle -2.5mm Stereo Plug to 2.5mm Stereo Plug
11-5503	3' Cable -2.5mm Stereo Plug to 2.5mm Stereo Jack

**NON-SHIELDED AUDIO CABLES - RCA PLUG TO RCA PLUG/JACK**

PART NO.	DESCRIPTION
11-3815	15' RCA Plug to RCA Plug- Speaker Extension
11-3825	25' RCA Plug to RCA Plug- Speaker Extension
11-4025	25' RCA Plug to RCA Jack- Speaker Extension



11-5603, 5606, 56010



11-6006



11-4203, 4206

11-5003, 5006, 5010

**AUDIO CABLE - 1/4" MONO PLUG TO 1/4" MONO/RCA PLUG**

PART NO.	DESCRIPTION
11-5603	3' Cable -1/4" Mono Plug to 1/4" Mono Plug
11-5606	6' Cable -1/4" Mono Plug to 1/4" Mono Plug
11-5610	10' Cable -1/4" Mono Plug to 1/4" Mono Plug
11-6006	6' Cable -1/4" Mono Plug to RCA Plug

**AUDIO CABLES - 3.5MM MONO TO MONO PLUG**

PART NO.	DESCRIPTION
11-4203	3' Cable -3.5mm Mono Plug to 3.5mm Mono Plug
11-4206	6' Cable -3.5mm Mono Plug to 3.5mm Mono Plug

**AUDIO CABLES - 3.5MM STEREO PLUG TO STEREO PLUG**

PART NO.	DESCRIPTION
11-5003	3' Cable -3.5mm Stereo Plug to 3.5mm Stereo Plug
11-5006	6' Cable -3.5mm Stereo Plug to 3.5mm Stereo Plug
11-5010	10' Cable -3.5mm Stereo Plug to 3.5mm Stereo Plug



11-6601



11-6603



11-6605



11-6609



11-6611

11-6613



11-6601



11-5203, 5206, 5210, 5225

11-5415

**AUDIO CABLES - 3.5MM STEREO PLUG TO STEREO JACK**

PART NO.	DESCRIPTION
11-5203	3' Cable -3.5mm Stereo Plug to 3.5mm Stereo Jack
11-5206	6' Cable -3.5mm Stereo Plug to 3.5mm Stereo Jack
11-5210	10' Cable -3.5mm Stereo Plug to 3.5mm Stereo Jack
11-5225	25' Cable -3.5mm Stereo Plug to 3.5mm Stereo Jack
11-5415	15' Coiled Cable -3.5mm Stereo Plug to 3.5mm Stereo Plug

**Y-CORD ADAPTORS**

PART NO.	DESCRIPTION
11-6601	Y-Type RCA Plug to (2) RCA Plugs
11-6603	Y-Type RCA Plug to (2) RCA Jacks
11-6605	Y-Type RCA Jack to (2) RCA Plugs
11-6609	Y-Type 3.5mm Stereo Plug to (2) RCA Plugs
11-6611	Y-Type 3.5mm Stereo Plug to (2) RCA Jacks
11-6613	Y-Type 3.5mm Stereo Plug to (2) 3.5mm Stereo Jacks
11-6617	Y-Type 1/4" Stereo Plug to (2) RCA Plugs
11-6619	Y-Type 1/4" Mono Plug to (2) RCA Jacks

## MULTI-PIN CONNECTORS

### MULTI-PIN CONNECTORS

Color-coded wire loop. Approximately 12" - 18 AWG leads. PM series use .110" terminals. LM series use .250" terminals.



32-2020SM



32-2020



32-2030



32-2031



32-2040



32-2041



32-2060



32-2061



32-2090

PART #	SIZE	PART #	SIZE
32-2020SM	2 pin small	32-2041	4 pin large
32-2020	2 pin large	32-2060	6 pin small
32-2030	3 pin small	32-2061	6 pin large
32-2031	3 pin large	32-2090	9 pin small
32-2040	4 pin small		

### ROUND MULTI-PIN CONNECTORS

12" 18 AWG wire harness with color coded leads and locking mating ends for proper connection in all types of conditions.



32-3001



32-3002



32-3003



32-3004



32-3006



32-3009



32-3012



32-3015

PART #	SIZE	PART #	SIZE
32-3001	1 pin	32-3006	6 pin
32-3002	2 pin	32-3009	9 pin
32-3003	3 pin	32-3012	12 pin
32-3004	4 pin	32-3015	15 pin

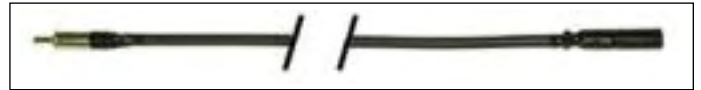
## ANTENNA EXTENSION LEADS & Y ADAPTORS



31-7111 6" Y-Adaptor; 1 jack to 2 plugs



31-7109 6" Y-Adaptor; 1 plug to 2 jacks



31-8002, 31-8004, 31-8006, 31-8008, 31-8010

Plug to jack connector antenna adaptor

31-8002 2 ft.

31-8004 4 ft.

31-8006 6 ft.

31-8008 8 ft.

31-8010 10 ft.

31-8012 12 ft.



31-7102 2 ft. Motorola plugs both ends

## MOTOROLA CONNECTORS



31-7101 High-Tech Motorola Plug



31-7102 High-Tech Motorola Plug



31-7101 High-Tech Motorola Plug

## NOISE FILTERS



### ALTERNATOR NOISE FILTER

Designed to eliminate most types of alternator whine. Uses a combination of choke and capacitor.

32-6610



### GROUND LOOP ISOLATOR

A low level filter that isolates the ground between amplifier and radio, eliminating noise through the RCA cables. Completely eliminates alternator whine and ignition spikes due to path ground loops.

GL-100



**DIGITAL VOM  
DT-830D**

DCV:200mV-1000V,  
ACV:200V-750V,  
DCA:2000uA-10A,  
OHM:200-2000K  
hFE:yes  
Diode Test:yes  
Continuity Buzzer:yes  
Square wave o/p:yes  
Power Supply: 9V 6F22  
Maximum Display:1999  
Product  
Size:126•70•28mm  
Product Net  
Weight:150g (Including  
Batteries)



**DIGITAL VOM  
MY60**

DCV:200mV-1000V,  
ACV:200mV-700V,  
DCA:20 uA - 10A,  
ACA:20mA-10A,  
OHM:200, -200M, TEMP:  
20-1000c, Transistor  
Test: yes  
Auto Power OFF: yes,  
Diode Test: yes,  
Continuity Buzzer: yes,  
Power: 9V, Maximum  
Display: 1999, Display  
Size:27•60mm, Product  
Size:30•92•190mm  
Product Net  
Weight:310g (Including  
Batteries)



**DIGITAL VOM  
MY61**

DCV:200mV-1000V,  
ACV:200mV-700V,  
DCA:2uA-10A,  
ACA:2mA-10A,  
OHM:200 - 200M,  
CAP:2nF-20uF,  
Transistor Test: yes  
Auto Power OFF: yes,  
Diode Test: yes,  
Continuity Buzzer: yes,  
Power: 9V, Maximum  
Display: 1999, Display  
Size:27•60mm, Product  
Size:90•189•31.5mm  
Product Net Weight:  
310g (Including Batteries)



**ANALOG VOM  
YX360TRNA**

DCV:100  
m/500m/2.5/10/50/  
250/1000V, ACV:  
10/50/250V/  
1000V, DCA:  
50u/2.5m/25m/  
250mA,  
OHM:x1/x10/x1K/x  
10K/, hFE: 0-1000(w/TR  
connector) Power  
source:  
(1.5V)•2, (9V)•1, dB:-  
10dB ±22dB, L1:  
150/15m/150mA,  
Dimension:  
150•100•36mm,  
Weight: Approx.250g  
(Including Battery)



**DIGITAL VOM  
MAS830L**

DCV:200mV-600V,  
ACV:200V-600V, DC:10A,  
OHM:200-2Meg, hFE:  
yes transistor test,  
Diode Test: yes,  
Continuity Buzzer: yes,  
Power Supply: 9V,  
Display: 1999, Product  
Size:126• 70•28mm,  
Product Net  
Weight.170g (Including  
Batteries)  
Packing: gift box,  
Dimension:  
138•69 •31mm



**AC AMP/  
CLAMP METER  
DTT266C**

DCV:200mV-1000V  
ACV:200V-750V  
ACA:20A-1000A  
OHM:200/20K OHM  
Insulation Test:yes  
Diode test:yes  
Data Hold:yes  
Power:9V 6F22  
Maximum Display:1999  
Display Size:14•47mm  
Product Net  
Weight:320g  
Product Size:  
230•90•37mm



**DIGITAL VOM  
DT812**

DCV:200mV-500V,  
ACV:200V-500V,  
DCA:2000uA-10A,  
OHM:200ø-2000K,  
hFE: yes  
Diode Test: yes  
Continuity Buzzer: yes  
Square wave o/p: yes  
Power Supply: 12V  
Maximum Display: 1999  
Product Size:  
95•46•29mm  
Product Net Weight:  
80g (Including  
Batteries)



**DIGITAL VOM  
DT820D**

DCV: 200mV-500V, ACV:  
200V-500V, DCA:  
2000uA-10A, OHM: 200-  
20M, hFE: yes, Diode  
Test: yes, Continuity  
Buzzer: yes, Square  
wave o/p: yes, Data  
Hold for easy reading,  
Power Supply: 9V 6F22,  
Maximum Display:1999,  
Product Size:  
75•130•36mm  
Product Net Weight:  
150g (Including  
Batteries)



**DIGITAL VOM/  
CABLE TESTER  
HY4300**

DCV:200mV-1000mV,  
ACA:2V-750V, DCA:2mA-  
20A, ACA:200mA-20A  
OHM:200-20m  
Cable test:  
RJ11/RJ12/RJ45/USB  
Diode Test: yes  
Continuity Buzzer: yes  
Transistor Test: yes  
Back Light, Live wire  
identify: yes  
Power: 9V 6F22  
Maximum Display: 1999  
Display Size: 30•57mm  
Product Net Wt: 322g  
(Including 9V Batteries)  
Product Size: 190•90•34mm 820D



**WIRE STRIPPER & CUTTING TOOL**

Spring-loaded with insulated grips. Cuts and strips up to 10 AWG wire. Length: 5"



**63-1120**



**SNIP CUTTERS**

Spring-loaded snips with insulated grips, 45° angled nose for use in tight places.

**63-1122**

**CABLE CUTTERS**

Strong, sharp jaws that cut copper cables up to 3/8" diameter. Spring-loaded with "closed" lock.

Insulated grips. Length: 6 1/2".



**63-1124**

**DELUXE RATCHET CRIMPER**

Crimps insulated solderless terminals from 10 to 22 AWG. Dies are color-coded to the standard red, blue, and yellow for quick and easy identification. Positive homing action and ratchet release. Easy grip plastic handles for comfort and precision operation.



**63-1007**

**NIBBLING TOOL**

Can cut up to 18-gauge non-hardened metals and plastics. Cuts square holes for fuse holders, switches, indicator lamps, etc. Provides an initial cut of 3/8" (9.5mm).



**63-1136**

**POCKET SIZE LED TESTER**

Pocket-size LED tester makes it easy to check functionality, color, brightness and uniformity. Plug any leaded LED into one of 12 positions on the socket strip to test at current ratings from 2-50ma. The seven middle positions on the strip are set at 10 ma allowing comparison of LED's in those spaces.



**LEDTESTER**

**6" NEEDLE NOSE 55 HRC PROFESSIONAL JEWELER'S MINI PLIERS**

• Jaw Length: 2" • Length: 6" • Needle Nose • Professional Quality • 55 HRC High Carbon Stainless Steel • Double Leaf Spring • Comfort Grip Handle • Used for Bending and Shaping Memory Wire into Fine Loops • Great for Home, Jewelry Making, Electronics, Beadwork, Craft, Hobby Etc



**63-6000**



**5" LONG NOSE FLUSH CUTTER 55 HRC PROFESSIONAL JEWELER'S MINI PLIERS**

Length: 5" • Long Nose, Flush Cutter • Professional Quality • High Carbon Stainless Steel • 55 HRC • Double Leaf Spring • Comfort Grip Handle

**63-6001**

**4-1/2" DIAGONAL CUTTERS, FLUSH CUTTER 55 HRC PROFESSIONAL JEWELER'S MINI PLIERS**

• Length: 4-1/2" • Diagonal Cutters, Flush Cutter • Professional Quality • High Carbon Stainless Steel • 55 HRC • Double Leaf Spring • Comfort Grip Handle • Diagonal Cutters For Cutting Memory Wire, Headpins, Eye Pins, Small Chain, Tigertail, Cords, Beading & All Your Electrical Repair Needs



**63-6002**



**4-1/2" ROUND JAW 55 HRC PROFESSIONAL JEWELER'S MINI PLIERS**

• Length: 4-1/2" • Round Jaw • Professional Quality • High Carbon Stainless Steel • 55 HRC • Double Leaf Spring • Comfort Grip Handle • Header Card

**63-6003**

**4" END CUTTERS 55 HRC PROFESSIONAL JEWELER'S MINI PLIERS**

Length: 4" • End Cutters • Professional Quality • High Carbon Stainless Steel • 55 HRC • Double Leaf Spring • Comfort Grip Handle • Header Card



**63-6004**



**4" FLAT NOSE 55 HRC PROFESSIONAL JEWELER'S MINI PLIERS**

• Length: 4" • Flat Nose • Professional Quality • High Carbon Stainless Steel • 55 HRC • Double Leaf Spring • Comfort Grip Handle • Header Card

**63-6005**

**#1C, 4-1/2" NON MAGNETIC TWEEZERS, SUPER FINE TIP, 40-45 HRC**  
 • Hardness: 40-45 HRC • Super Fine Point • Length: 4-1/2" • Straight: #1C Tip  
 • Thickness: 2.0mm • Professional Quality • Non- Magnetic Stainless Steel •  
 Anti-Acid and Rust Resistant • Great for Jewelers, Watch Makers,  
 Electronics, Lab Technicians Etc • Blister Card

**63-6006**



**NON MAGNETIC TWEEZERS #3C, 4-3/4" PROFESSIONAL FINE TIP, 45-50 HRC**

Length: 4-3/4" • Stainless Steel • 100% Non-Magnetic Tip • 45-50 HRC •  
 Blister Card

**63-6007**



**4-1/2" PROFESSIONAL #5C FINE TIP TWEEZERS**

• Hardness: 40-45 HRC • Super Fine Point • Straight #5 Tip • Length: 4-1/2" •  
 Thickness: 2.0mm • Professional Quality • Non- Magnetic Stainless Steel •  
 Anti-Acid and Rust Resistant • Great for Jewelers, Watch Makers,  
 Electronics, Lab Technicians Etc • Blister Card

**63-6008**



**#7A, 4-1/2" NON MAGNETIC TWEEZERS, PROFESSIONAL, FINE CURVED TIP, HARDNESS: 40-45 HRC**

• Hardness: 40-45 HRC • Super Fine Point • Curved #7 Tip • Length: 4-1/2" •  
 Thickness: 2.0mm • Professional Quality • Non- Magnetic Stainless Steel •  
 Anti-Acid and Rust Resistant • Great for Jewelers, Watch Makers,  
 Electronics, Lab Technicians Etc • Blister Card

**63-6009**



**#AA, 5" NON MAGNETIC TWEEZERS, PROFESSIONAL, FINE TIP, HARDNESS: 40-45 HRC**

• Length: 5" • Stainless Steel • 100% Non-Magnetic Tip • 45-50 HRC • Anti-  
 Acid and Rust Resistant • Great for Jewelers, Watch Makers, Electronics, Lab  
 Technicians Etc • Blister Card

**63-6010**





The ArchiTech Premium line is very well engineered... to sound great, be dependable and to deliver great value for the dollar. It has been engineered with high quality materials and careful design:

The long-throw woofer is made with a polypropylene cone and butyl rubber surround, (not a cheap foam surround), enabling it to create substantial low bass yet remarkably durable (lifetime warranty).

The tweeter is a 3/4" polycarbonate hybrid dome that is clean and accurate and pivots for best dispersion into the room. The crossover is technically a 2nd and 3rd order electro-acoustic crossover. This ensures the tweeter and woofer are well-controlled and deliver broad, smooth frequency throughout the room.



**SC-602E**  
6-1/2" 2-way In-Ceiling Loudspeaker

- FEATURES**
- Poly woofers with butyl rubber surrounds
  - Proven Mounting System
  - Frame and Grilles may be painted to match mounting surface
  - Sold and shipped in pairs (BULK PACK)
  - Overall Dimension: 8 3/8"
  - Cut-out Dimensions: 7 3/8" X 27/8" deep

- SPECIFICATIONS**
- |                                 |                            |
|---------------------------------|----------------------------|
| Loudspeaker Frequency Response: | 45Hz - 20kHz ± 3 dB        |
| Power Handling:                 | 40 watts nom. 80 max.      |
| Sensitivity:                    | 91dB 1 watt / 1 meter      |
| Tweeter:                        | 3/4" pivoting dome tweeter |
| Perforated Metal Grille:        | MGR-6                      |
| Impedance:                      | 8 ohms nominal             |
| Pre-construction Bracket:       | RIR-6                      |
| Vapor Dome / Pre-Con Bracket:   | VPD-6                      |
| Bridge for T-Bar Ceiling:       | PB-6                       |
| Plenum Dome:                    | PE-8                       |



**SC-602F**  
6-1/2" 2-way In-Ceiling / Wall Loudspeaker

- FEATURES**
- Frameless Grille
  - Poly woofers with butyl rubber surrounds
  - Proven Mounting System
  - Frame and Grilles may be painted to match mounting surface
  - Sold and shipped in pairs
  - Overall Dimension: 8-7/16" R
  - Cut-out Dimensions: 7-1/4" R x 3 5/16" deep

- SPECIFICATIONS**
- |                               |  |
|-------------------------------|--|
| Frequency Response:           | 45Hz - 20kHz ± 3 dB  |
| Power Handling:               | 40 watts nom. 80 max.  |
| Sensitivity:                  | 91dB 1 watt / 1 meter  |
| Tweeter:                      | 3/4" pivoting dome tweeter   |
| Frameless Grille:             | Magnetically Attached - Perforated Frameless Metal Grilles Round and Square option |
| Round Model:                  | MGR-6f Square  |
| Model:                        | MGS-6f   |
| Impedance:                    | 8 ohms nominal   |
| Pre-construction Bracket:     | RIR-6  |
| Vapor Dome / Pre-Con Bracket: | VPD-6  |
| Bridge for T-Bar Ceiling:     | PB-6   |
| Plenum Dome:                  | PE-8   |



**SC-802F**  
8" 2-way In-Ceiling / Wall Loudspeaker  
FRAMELESS

- FEATURES**
- Frameless Grille
  - Poly woofers with butyl rubber surrounds
  - Proven Mounting System
  - Frame and Grilles may be painted to match mounting surface
  - Sold and shipped in pairs
  - Overall Dimensions: 9-7/8" Round
  - Cut-out Dimensions: 8-5/8" Rd x 3-7/8" dp

- SPECIFICATIONS**
- |                               |  |
|-------------------------------|--|
| Frequency Response:           | 35Hz - 20kHz ± 3 dB  |
| Power Handling:               | 50 watts nom. 100 max.   |
| Sensitivity:                  | 91dB 1 watt / 1 meter  |
| Tweeter:                      | 3/4" pivoting dome tweeter   |
| Frameless Grille:             | Magnetically Attached - Perforated Frameless Metal Grilles Round and Square option |
| Round:                        | MGR-8f Square: MGS-8f  |
| Impedance:                    | 8 ohms nominal   |
| Pre-construction Bracket:     | RIR-8  |
| Vapor Dome / Pre-Con Bracket: | VPD-8  |
| Bridge for T-Bar Ceiling:     | PB-8   |
| Plenum Dome:                  | PE-8   |



**SC-62**  
6-1/2" 2-way In-Ceiling Loudspeaker

- FEATURES**
- Poly woofers with butyl rubber surrounds
  - Proven Mounting System
  - Frame and Grilles may be painted to match mounting surface
  - Sold and shipped in pairs (BULK PACK)
  - Overall Dimension: 8 3/8"
  - Cut-out Dimensions: 7 3/8" X 27/8" deep

- SPECIFICATIONS**
- |                                 |                            |
|---------------------------------|----------------------------|
| Loudspeaker Frequency Response: | 45Hz - 20kHz ± 3 dB        |
| Power Handling:                 | 40 watts nom. 80 max.      |
| Sensitivity:                    | 91dB 1 watt / 1 meter      |
| Tweeter:                        | 3/4" pivoting dome tweeter |
| Perforated Metal Grille:        | MGR-6                      |
| Impedance:                      | 8 ohms nominal             |
| Pre-construction Bracket:       | RIR-6                      |
| Vapor Dome / Pre-Con Bracket:   | VPD-6                      |
| Bridge for T-Bar Ceiling:       | PB-6                       |
| Plenum Dome:                    | PE-8                       |



**SE-791E**  
6-1/2" 2-way In-Wall Loudspeaker

- FEATURES**
- Poly woofers with butyl rubber surrounds
  - Proven Mounting System
  - Frame and Grilles may be painted to match mounting surface
  - Sold and shipped in pairs (BULK PACK)
  - Overall Dimension: 8-5/8" W x 12-1/8" H
  - Cut-out Dimen.: 7-3/8" W x 10-7/8" H x 3-1/8" D

- SPECIFICATIONS**
- |                                 |                            |
|---------------------------------|----------------------------|
| Loudspeaker Frequency Response: | 45Hz - 20kHz ± 3 dB        |
| Power Handling:                 | 40 watts nom. 80 max.      |
| Sensitivity:                    | 91dB 1 watt / 1 meter      |
| Tweeter:                        | 3/4" pivoting dome tweeter |
| Perforated Metal Grille:        | MGR-6                      |
| Impedance:                      | 8 ohms nominal             |
| Pre-construction Bracket:       | RIR-6                      |
| Vapor Dome / Pre-Con Bracket:   | VPD-6                      |
| Bridge for T-Bar Ceiling:       | PB-6                       |
| Plenum Dome:                    | PE-8                       |



## OEM SYSTEMS CEILING & IN-WALL SPEAKER - GOOD



### SE-891E 8" 2-way In-Wall Loudspeaker

#### FEATURES

- Poly woofers with butyl rubber surrounds
- Industry Leading Superior Clamp-ring Mounting System
- IR knockout
- Poly-switch overdrive protection
- 12 dB/octave crossover
- Frame and Grilles may be painted to match mounting surface
- Sold and shipped in pairs

Overall Dimensions:  
Cut-out Dimensions:

10-1/2" W x 14-1/2" D  
9" W x 13" H x 2-15/16" D

#### SPECIFICATIONS

Frequency Response: 35Hz - 20kHz ± 3 dB  
Power Handling: 50 watts nom. 100 max.  
Sensitivity: 91dB 1 watt / 1 meter  
Tweeter: 1" pivoting textile dome tweeter  
Perforated Metal Grille: MG-89F  
Impedance: 8 ohms nominal  
Pre-construction Bracket: RIB-82  
Vapor Dome: VPD-82



### SE-80SWF 8" In-Wall / Ceiling Subwoofer Frameless

#### FEATURES

- Frameless Grille
- Frameless Grille finished look is identical to our 8" frameless series speakers
- Poly woofers with butyl rubber surrounds
- Proven Mounting System
- Grilles - Paint to match mounting surface
- Sold and shipped individually
- Overall Dim.: 9-7/8" diam.
- Cut-out Dim. (deep): 8-5/8" diam. x 3-7/8"

#### SPECIFICATIONS

Frequency Response: 30Hz - 120Hz  
Power Handling: 100 watts nom. 150 max.  
Sensitivity: 85 dB 1 watt / 1 meter  
Impedance: 4 ohms nominal  
Frameless Grille: Magnetically Attached - Perforated  
Frameless Metal Grilles  
Round and Square option  
Round Model: MGR-8f  
Square Model: MGS-8f  
Pre-construction Bracket: RIR-8  
Vapor Dome / Pre-Con Bracket: VPD-8  
Bridge for T-Bar Ceiling: PB-8  
Plenum Dome: PE-8

## OEM SYSTEMS CEILING & IN-WALL SPEAKER - BETTER

The Kevlar material used in the ArchiTech Kevlar series is an exceptional choice for high performance woofers. Its incredible strength enables low distortion music reproduction, while its lightness provides great detail and musicality. And it is amazingly durable for long life and environmental stability. Kevlar is 5 times as strong as steel of the same weight.

These unique properties have enabled Kevlar to become a favorite material for applications as varied as bullet-proof vests, automotive parts, ropes for the Mars Pathfinder mission - and for the ArchiTech Series - cones for superb woofers.

The ArchiTech Kevlar Series is an excellent choice for custom installation applications where high quality music reproduction is required and rugged construction is appreciated. The Lifetime Limited Warranty is one indication of just how robust this family of loudspeakers really is.

ArchiTECH  
KEVLAR SERIES



### SC-620F 8" In-Wall / Ceiling Subwoofer Frameless

#### FEATURES

- Frameless Grille
- Frameless Grille finished look is identical to our 8" frameless series speakers
- Poly woofers with butyl rubber surrounds
- Proven Mounting System
- Grilles - Paint to match mounting surface
- Sold and shipped individually
- Overall Dim.: 9-7/8" diam.
- Cut-out Dim. (deep): 8-5/8" diam. x 3-7/8"

#### SPECIFICATIONS

Frequency Response: 30Hz - 120Hz  
Power Handling: 100 watts nom. 150 max.  
Sensitivity: 85 dB 1 watt / 1 meter  
Impedance: 4 ohms nominal  
Frameless Grille: Magnetically Attached - Perforated  
Frameless Metal Grilles  
Round and Square option  
Round Model: MGR-8f  
Square Model: MGS-8f  
Pre-construction Bracket: RIR-8  
Vapor Dome / Pre-Con Bracket: VPD-8  
Bridge for T-Bar Ceiling: PB-8  
Plenum Dome: PE-8



### SC-820F 8" In-Wall / Ceiling Subwoofer Frameless

#### FEATURES

- Frameless Grille
- 12 dB/octave crossover
- Proven Mounting System
- Frame and Grilles may be painted to match mounting surface
- Sold and shipped in pairs
- Overall Dimensions: 9-7/8" R
- Cut-out Dimensions: 8-5/8" R x 3-7/8" D

#### SPECIFICATIONS

Frequency Response: 35Hz - 20kHz ± 3 dB  
Power Handling: 50 watts nom. 100 max.  
Sensitivity: 91dB 1 watt / 1 meter  
Tweeter: 1" pivoting textile soft dome tweeter  
Frameless Grille: Magnetically Attached - Perforated  
Frameless Metal Grilles: MGR-8f Rectangular Optional: MGS-8f  
Impedance: 8 ohms nominal  
Pre-construction Bracket: RIR-8  
Vapor Dome / Pre-Con Bracket: VPD-8  
Bridge for T-Bar Ceiling: PB-8  
Plenum Dome: PE-8



**SC-622F**  
**6-1/2" 2-way Single Point Stereo**  
**In-Ceiling / Wall**  
**Frameless**

**FEATURES**

- Frameless Grille. Look is identical to our 8" frameless series speakers
- Poly woofers with butyl rubber surrounds
- Proven Mounting System
- Grilles - Paint to match mounting surface
- Sold and shipped individually
- Overall Dimensions: 8-7/16" R
- Cut-out Dimensions: 7-1/4" R x 3-5/16" D

**SPECIFICATIONS**

- Frequency Response: 45Hz - 20kHz ± 3 dB  
 Power Handling: 40 watts nom. 80 max.  
 Sensitivity: 91dB 1 watt / 1 meter  
 Tweeter: Dual (L+R) 3/4" dome tweeters  
 Frameless Grille: Magnetically Attached - Perforated Frameless Metal Grilles • Round option: MGR-6f Rectangular Optional: MGS-6f  
 Impedance: 8 ohms nominal  
 Pre-construction Bracket: RIR-6  
 Vapor Dome / Pre-Con Bracket: VPD-6  
 Bridge for T-Bar Ceiling: PB-6  
 Plenum Dome: PE-8



**SE-LCR-KE**  
**Dual 5-1/4" 2-way In-Wall Loudspeaker**  
**Center / All Channel - LCRS**

**FEATURES**

- Woven Kevlar® woofers with butyl rubber surrounds
- 12 dB/octave crossover
- Phase plug pole piece extensions
- IR Knockouts
- High temperature Polyimide voice coils
- Polyswitch overdrive protection
- Superior clamp-ring mounting system
- Magnetically Shielded
- Orient Vertically or Horizontally

- Frame/Grille Paint to match mounting surface
- Sold and shipped individually
- Overall Dimensions: 9" W x 15-3/4" H
- Cut-out Dimensions: 7-7/8" W x 14-7/16" H x 3-1/2" D

**SPECIFICATIONS**

- Frequency Response: 45Hz - 20kHz ± 3 dB  
 Power Handling: 50 watts nom. 100 max.  
 Sensitivity: 91dB 1 watt / 1 meter  
 Tweeter: 1" pivoting textile soft dome tweeter  
 Perforated Metal Grille: MG-LCR  
 Impedance: 8 ohms nominal  
 Pre-construction Bracket: RIB-LCR



**SE-790KE**  
**6-1/2" 2-way In-Wall Loudspeaker**

**FEATURES**

- Woven Kevlar® woofers with butyl rubber surrounds
- 12 dB/octave crossover
- Phase plug pole piece extensions
- IR Knockouts
- High temperature Polyimide voice coils
- Polyswitch overdrive protection
- Superior clamp-ring mounting system
- Magnetically Shielded
- Orient Vertically or Horizontally

- Frame/Grille Paint to match mounting surface
- Sold and shipped individually
- Overall Dimensions: 8-5/8" W x 12-1/8" H
- Cut-out Dimensions: 7-3/8" W x 10-7/8" H x 3-1/8" D

**SPECIFICATIONS**

- Frequency Response: 45Hz - 20kHz ± 3 dB  
 Power Handling: 40 watts nom. 80 max.  
 Sensitivity: 91dB 1 watt / 1 meter  
 Tweeter: 1" pivoting textile soft dome tweeter  
 Perforated Metal Grille: MG-79F  
 Impedance: 8 ohms nominal  
 Pre-construction Bracket: RIB-7



**SE-893KE**  
**8" 3-way In-Wall Loudspeaker**

**FEATURES**

- Woven Kevlar® woofers with butyl rubber surrounds
- 12 dB/octave crossover
- Phase plug pole piece extensions
- IR Knockouts
- High temperature Polyimide voice coils
- Polyswitch overdrive protection
- Superior clamp-ring mounting system
- Frame/Grille paint to match mounting surface
- Sold and shipped in pairs
- Overall Dimensions: 10-1/2" W x 14-1/2" H

- Cut-out Dimensions: 9" W x 13" H x 3-1/4" D

**SPECIFICATIONS**

- Frequency Response: 35Hz - 20kHz ± 3 dB  
 Power Handling: 50 watts nom. 100 max.  
 Sensitivity: 91dB 1 watt / 1 meter  
 Tweeter: 1" pivoting textile soft dome tweeter  
 Frameless Grille: Magnetically Attached - Perforated Frameless Metal Grilles • Round option: MGR-8f Rectangular Option: MGS-8f  
 Impedance: 8 ohms nominal  
 Pre-construction Bracket: RIR-8  
 Vapor Dome / Pre-Con Bracket: VPD-8  
 Bridge for T-Bar Ceiling: PB-8  
 Plenum Dome: PE-8



Presence represents a new level of performance and value in In-Wall and Ceiling loudspeakers. Our signature Lifetime Limited Warranty ushers in these straight forward no-nonsense loudspeaker systems. Practical engineering and the best materials available are present throughout this comprehensive and well thought-out product line. The Presence line is known namely by it Kevlar woven fiber woofers with butyl rubber surrounds & ferro-fluid cooled silk dome tweeters. Midrange drivers, thick fiberglass crossover network PC boards populated with high-grade electronic components, over-drive tweeter protection, heavy gauge oxygen-free copper wiring and stout gold plated high tension connection terminals are other features of the Presence line.



**A-606**  
6-1/2" 2-way In-Ceiling Loudspeaker

- FEATURES**
- Woven Kevlar® woofers with butyl rubber surrounds
  - High temperature Polyimide voice coils
  - High-grade crossovers
  - Polyswitch overdrive protection
  - Proven Mounting System
  - Frame/Grille Paint to match mounting surface
  - Sold and shipped in pairs
  - Overall Dimensions: 8-3/8" R
  - Cut-out Dimensions: 7-3/8" R x 2-7/8" D

- SPECIFICATIONS**
- Frequency Response: 45Hz - 20kHz ± 3 dB
  - Power Handling: 50 watts nom. 100 max.
  - Sensitivity: 91dB 1 watt / 1 meter
  - Tweeter: 1" Silk soft dome pivoting tweeter
  - Perforated Metal Grille: MGR-6
  - Impedance: 8 ohms nominal
  - Pre-construction Bracket: RIR-6
  - Vapor Dome / Pre-Con Bracket: VPD-5
  - Bridge for T-Bar Ceiling: PB-6
  - Plenum Dome: PE-8



**A-808**  
8" 2-way In-Ceiling Loudspeaker

- FEATURES**
- Woven Kevlar® woofers with butyl rubber surrounds
  - High temperature Polyimide voice coils
  - High-grade crossovers
  - Polyswitch overdrive protection
  - Proven Mounting System
  - Frame/Grille Paint to match mounting surface
  - Sold and shipped in pairs
  - Overall Dimensions: 9-3/4" R
  - Cut-out Dimensions: 8-5/8" R x 3-3/8" D

- SPECIFICATIONS**
- Frequency Response: 35Hz - 20kHz ± 3 dB
  - Power Handling: 60 watts nom. 120 max.
  - Sensitivity: 91dB 1 watt / 1 meter
  - Tweeter: 1" Silk soft dome pivoting tweeter
  - Perforated Metal Grille: MGR-8
  - Impedance: 8 ohms nominal
  - Pre-construction Bracket: RIR-8
  - Vapor Dome / Pre-Con Bracket: VPD-8
  - Bridge for T-Bar Ceiling: PB-6
  - Plenum Dome: PE-8



**A-SP6**  
6-1/2" 2-way Single Point Stereo In-Ceiling Loudspeaker

- FEATURES**
- Woven Kevlar® woofers with butyl rubber surrounds
  - High temperature Polyimide voice coils
  - High-grade crossovers
  - Polyswitch overdrive protection
  - Proven Mounting System
  - Frame/Grille Paint to match mounting surface
  - Sold and shipped in pairs
  - Overall Dimensions: 8-3/8" R
  - Cut-out Dimensions: 7-3/8" R x 2-7/8" D

- SPECIFICATIONS**
- Frequency Response: 45Hz - 20kHz ± 3 dB
  - Power Handling: 50 watts nom. 100 max. both channels combined
  - Sensitivity: 91dB 1 watt / 1 meter
  - Tweeter: Dual (left & right) 3/4" Silk soft dome tweeters
  - Perforated Metal Grille: MGR-622
  - Impedance: 8 ohms nominal
  - Pre-construction Bracket: RIR-6
  - Vapor Dome / Pre-Con Bracket: VPD-6
  - Bridge for T-Bar Ceiling: PB-6
  - Plenum Dome: PE-8



**A-LCR5**  
Dual 5-1/4" 2-way In-Wall Loudspeaker Center / All Channel - LCR5

- FEATURES**
- Woven Kevlar® woofers with butyl rubber surrounds
  - High temperature Polyimide voice coils
  - Phase plug pole piece extensions
  - IR Knockouts
  - High-grade crossovers
  - Polyswitch overdrive protection
  - Superior Clamp-ring Mounting System
  - Magnetically Shielded

- Orient Vertically or Horizontally
  - Frame/Grille Paint to match mounting surface
  - Sold and shipped individually
  - Overall Dimensions: 9" x 15-3/4"
  - Cut-out Dimensions: 7-7/8" x 14-7/16" x 3-1/2" D
- SPECIFICATIONS**
- Frequency Response: 45Hz - 20kHz ± 3 dB
  - Power Handling: 50 watts nom. 100 max.
  - Sensitivity: 91dB 1 watt / 1 meter
  - Tweeter: 1" Silk soft dome pivoting tweeter
  - Perforated Metal Grille: MG-LCR
  - Impedance: 8 ohms nominal
  - Pre-construction Bracket: RIB-LCR

## OEM SYSTEMS CEILING & IN-WALL SPEAKER - BEST



### A-650 6-1/2" 2-way In-Wall Loudspeaker

#### FEATURES

- Woven Kevlar® woofers with butyl rubber surrounds
- High temperature Polyimide voice coils
- Phase plug pole piece extensions
- IR Knockouts
- High-grade crossovers
- Polyswitch overdrive protection
- Superior Clamp-ring Mounting System
- Frame/Grille Paint to match mounting surface

- Sold and shipped in pairs
- Overall Dimensions: 9-1/16" W x 12-3/4" H
- Cut-out Dimensions: 8" W x 11-3/4" H x 3-1/4" D

#### SPECIFICATIONS

- Frequency Response: 45Hz - 20kHz ± 3 dB
- Power Handling: 50 watts nom. 100 max.
- Sensitivity: 91dB 1 watt / 1 meter
- Tweeter: 1" Silk soft dome pivoting tweeter
- Perforated Metal Grille: MG-62
- Impedance: 8 ohms nominal
- Pre-construction Bracket: RIB-62



### A-820 8" 2-way In-Wall Loudspeaker

#### FEATURES

- Woven Kevlar® woofers with butyl rubber surrounds
- High temperature Polyimide voice coils
- Phase plug pole piece extensions
- IR Knockouts
- High-grade crossovers
- Polyswitch overdrive protection
- Superior Clamp-ring Mounting System
- Frame/Grille Paint to match mounting surface

- Sold and shipped in pairs
- Overall Dimensions: 10-1/2" W x 14-1/2" H
- Cut-out Dimensions: 9" W x 13" H x 3-1/4" D

#### SPECIFICATIONS

- Frequency Response: 35Hz - 20kHz ± 3 dB
- Power Handling: 60 watts nom. 120 max.
- Sensitivity: 91dB 1 watt / 1 meter
- Tweeter: 1" Silk soft dome pivoting tweeter
- Perforated Metal Grille: MG-89F
- Impedance: 8 ohms nominal
- Pre-construction Bracket: RIB-82
- Vapor Dome: VPD-82



### A-8LCRS 8" 2-way 15 Degree Angled Loudspeaker

#### FEATURES

- Woven Kevlar® woofers with butyl rubber surrounds
- High temperature Polyimide voice coils
- High-grade crossovers
- Polyswitch overdrive protection
- Proven Mounting System
- Frame/Grille Paint to match mounting surface
- Sold and shipped individually

- Overall Dimensions: 12-7/8" R
- Cut-out Dimensions: 11-1/2" R x 5-3/4" D

#### SPECIFICATIONS

- Frequency Response: 35Hz - 20kHz ± 3 dB
- Power Handling: 60 watts nom. 120 max.
- Sensitivity: 91dB 1 watt / 1 meter
- Tweeter: 1" Silk soft dome pivoting tweeters
- Perforated Metal Grille: MGR-815
- Impedance: 8 ohms nominal
- Pre-construction Bracket: RIR-815

## ENDEAVOR OUTDOOR SPEAKERS



#### FEATURES

- Sealed, port-less design enclosure for bug and moisture prevention.
- The IO-505, 605 and 805 include Indoor / outdoor bass equalization
- Versatile mounting options: standard type "U" bracket, mounting bosses on rear for optional double swivel mounting brackets
- Suitable for use on book shelves with bracket-less finished look

- Rust proof Perforated Aluminum Grille; epoxy painted for long life in high humidity and salt/air environments. Cabinets, grilles and mounting brackets are paintable to match your decor.
- Available in White (W) or Black (B)
- Sold and shipped in pairs



SPECIFICATIONS	IO-505	IO-605	IO-805
<b>Size/Type:</b>	5-1/4" 2-way Kevlar	6-1/2" 2-way Kevlar	8" 2-way Kevlar
<b>Frequency Response:</b>	40Hz - 21kHz ± 3 dB	38Hz - 21kHz ± 3 dB	35Hz - 21kHz ± 3 dB
<b>Power Handling:</b>	50 watts nom. 100 max	60 watts nom. 120 max	70 watts nom. 140 max
<b>Sensitivity:</b>	87dB 1 watt / 1 meter	88dB 1 watt / 1 meter	89dB 1 watt / 1 meter
<b>Tweeter:</b>	1" Tetonon® soft dome pivoting	1" Tetonon® soft dome pivoting	1" Tetonon® soft dome pivoting
<b>Impedance:</b>	8 ohms nominal	8 ohms nominal	8 ohms nominal
<b>Dimensions:</b>	7-1/4" W x 10" H x 7-1/2" D	8-3/4" W x 11-3/8" H x 8-5/8" D	10-5/8" W x 13-3/4" H x 10-5/8" D
<b>With Mounting Brackets:</b>	Increase depth by 3/4"	Increase depth by 1"	Increase depth by 1 1/4"





*Shown in White*

**IO-570**  
**5-1/4" 2-way Cabinet Loudspeaker**  
**70-100 Volt / 8 ohms**

- FEATURES**
- 5-1/4" Poly woofer with butyl rubber surround & 5-1/4" 2-way acoustic suspension loudspeaker
  - Sealed, port-less design enclosure for bug and moisture prevention.
  - Baffle mounted 70-100 Volt tap selector switch with bypass setting for 8-ohm applications
  - Versatile mounting options: standard type "U" bracket, mounting bosses on rear for optional double swivel mounting brackets
  - Sold and shipped individually

- Rust proof Perforated Aluminum Grille which is epoxy painted for long life in high humidity and salt/air environments. Cabinets, grilles and mounting brackets are paintable to match your decor.
- Available in White (B) or Black (B)
- Overall Dimensions: 7-1/4" W x 10" H x 7-1/2" D
- With Mounting Bracket: Increases depth by 3/4"

- SPECIFICATIONS**
- Frequency Response: 35Hz - 20kHz ± 3 dB  
 Power Handling: 60 watts nom. 120 max.  
 Sensitivity: 91dB 1 watt / 1 meter  
 Tweeter: 1" Silk soft dome pivoting tweeters  
 Perforated Metal Grille: MGR-815  
 Impedance: 8 ohms nominal  
 Pre-construction Bracket: RIR-815



**SC-800f**  
**8" In-Ceiling Commercial Loudspeaker**  
**Frameless**

- FEATURES**
- Quick spring post terminals
  - No Soldering or crimping required
  - Dog Ear Mounting
  - Proven Mounting System
  - Frame and Grilles may be painted to match mounting surface
  - Sold and shipped individually
  - Overall Dimensions: 9-7/8" R
  - Cut-out Dimensions: 8-5/8" R x 3-5/16" D
  - Transformer mounting dimensions: 2-3/16" hole spacing

- SPECIFICATIONS**
- Frequency Response: 60Hz - 5kHz ± 3 dB / 45Hz - 15kHz + 3 / -6dB  
 Power Handling: 40 watts max.  
 Sensitivity: 92dB 2.83 V @ 1m  
 Tweeter: (none)  
 Frameless Grille: Dual Cone  
 Magnetically Attached - Perforated Frameless Metal Grilles- Round and Square option: Round: MGR-8f  
 Square: MGS-8f  
 8 ohms (70/100 V transformer available)  
 RIR-8  
 Vapor Dome / Pre-Con Bracket: VPD-8  
 Bridge for T-Bar Ceiling: PB-8  
 Plenum Dome: PE-8



**SC-800**  
**8" In-Ceiling Commercial Loudspeaker**

- FEATURES**
- Quick spring post terminals
  - No Soldering or crimping required
  - Dog Ear Mounting
  - Proven Mounting System
  - Frame and Grilles may be painted to match mounting surface
  - Sold and shipped individually
  - Overall Dimensions: 9-13/16" R
  - Cut-out Dimensions: 8-5/8" R x 3" D
  - Transformer mounting dimensions: 2-3/16" hole spacing

- SPECIFICATIONS**
- Model Number: SC-800 - 8" Commercial Loudspeaker  
 Frequency Response: 60Hz - 5kHz ± 3 dB / 45Hz - 15kHz + 3 / -6dB  
 Power Handling: 40 watts max.  
 Sensitivity: 92dB 2.83 V @ 1m  
 Tweeter: (none)  
 Grille: Dual Cone  
 Impedance: Perforated Metal Grille MODEL: MGR-8  
 8 ohms (70/100 V transformer available)  
 Pre-construction Bracket: RIR-8  
 Vapor Dome / Pre-Con Bracket: VPD-8  
 Bridge for T-Bar Ceiling: PB-8  
 Plenum Dome: PE-8



*Available in Green or Desert Sand*

**SS-8M**  
**8" High Performance Outdoor Speakers**  
**Landscape Loudspeakers**

- FEATURES**
- Weatherproof Design
  - Includes 3 meters of cable rated for in-ground burial (2 conductor SS-8M)
  - Unit designed to be buried in-ground, approx. 8" above ground exposure
  - 360 Degree Sound Field

SS-8M MONO VERSION  
 • 70 volt transformer included; mounted internally with wattage taps of 16, 8, 4, & 2 Watts, unit is shipped set at 8 Ohms

- For commercial applications, 70 volt transformer setting is easily accessed with a screwdriver

- SPECIFICATIONS**
- Model Numbers: Green  
 SS-8MG (Green) SS-8MS (Desert Sand)  
 Woofer: 8" Polycarbonate Woofer with butyl rubber surround  
 Frequency Response: 40Hz - 20kHz ± 3 dB  
 Power Handling: 50 watts nom. 100 watts max.  
 Sensitivity: N/A  
 Grille: Rust Proof Aluminum Grille keeps bugs out of driver cavity  
 3/4" Dome Tweeter  
 8 ohms operation  
 Available Colors: Green and Desert Sand

## PRO WIRE ACCESSORIES – OEM SYSTEM



### IW-100WV Indoor Rotary Volume Control

#### FEATURES

- Autoformer w/ rotary 12 position switch
- Smooth transition between volume steps
- 12-tap, high-grade 100-watt autoformer
- Removable Input / Output terminal strip
- Decorator wallplate included
- Sold and shipped individually

#### SPECIFICATIONS

Frequency Response:	20-20 kHz +/- 0.5dB
Available Colors:	White, Ivory & Almond
Power Handling:	100 watts max
Impedance:	Optimized for 8 ohm speakers
Mounting Dimensions:	2-5/8" depth



### IW-IMP100WV Indoor Rotary Volume Control Impedance Matching

#### FEATURES

- Impedance Matching Autoformer w/ Rotary 12 position switch
- 1X, 2X, 4X, 8X & 16X impedance multiplier
- Smooth transition between volume steps
- 12-tap, high-grade 100-watt autoformer
- Removable Input / Output terminal strip

- Decorator wallplate included
- Sold and shipped individually

#### SPECIFICATIONS

Frequency Response:	20-20 kHz +/- 0.5dB
Available Colors:	White, Ivory & Almond
Power Handling:	100 watts max
Impedance:	Optimized for 8 ohm speakers
Mounting Dimensions:	2-5/8" depth

## SPEAKER SELECTORS – OEM SYSTEM

#### GENERAL FEATURES

- This device functions as a "Switching Station" to control all the speakers in a multi-room system from a central location.
- Barrier Termination Strip Construction provides positive wire terminations much superior to the, "Quick Connect" type. This design is preferred by experienced installation experts over inferior quick connect types.

- Heavy Duty metal chassis and cases with high grade circuit boards.
- Individual on/off switches for each pair of speakers.
- Sold and shipped individually



### SW-4SPKR 4-Speaker Selector with Amplifier Protection

#### SPECIFICATIONS

Available Colors:	Black
Switching:	4 pair/100W RMS per channel
Power Handling:	Rated at 100 Watts RMS per channel (When used with Impedance Matching Volume Controls)
Overall Dimensions:	8-1/2" W x 2" H x 5-1/4" D



### SW-8SPKR 8-Speaker Selector with Amplifier Protection

#### SPECIFICATIONS

Available Colors:	Black
Switching:	8 pair/100W RMS per channel
Power Handling:	Rated at 100 Watts RMS per channel (When used with Impedance Matching Volume Controls)
Overall Dimensions:	8-1/2" W x 2" H x 5-1/4" D

## BANANA PLUGS – OEM SYSTEM



### IW-4PLUG40 & IW-4PLUG160 Gold Plated Banana Plugs Screw-On Plugs

#### FEATURES

- Heavy Duty Gold Plated Banana Plugs
- Solderless Compression Screw-on Type

#### DESCRIPTION

Set of four banana plugs for making one (1) four (4) conductor connection equivalent to one (1) stereo connection. Use the IW-4PLUG with IWM-BPG or IW-BG series in-wall jack plates.  
Model IW-4PLUG: Sold with 2 Red/2 Black  
IW-4PLUG40: Bag includes 20 black/20 red (total of 40 IW-4PLUG)  
IW-4PLUG160: Master Pack with 80 black/80 red (total of 160 IW-4PLUGs).



### IW-16PLUG Gold Plated Banana Plugs Crimp-On Plugs

#### FEATURES

- Heavy Duty Gold Plated Banana Plugs
- Crimp-On/Solderless

#### DESCRIPTION

Set of 16 Crimp-on banana plugs. 8 Red & 8 Black. Use the IW-16PLUG with the IWM-BPG, IW-BPG or IW-BG series In-Wall Jack plates.  
IW-16PLUG sold with: 8 Red & 8 Black  
IW-16PLUG128 sold with: 64 Red & 64 Black totaling 128 Plugs



**MR-1**  
**Combination Speaker Locator & Single Gang Mounting Ring**

**DESCRIPTION**

Box Buddy® low voltage mounting rings are designed for positioning low voltage devices next to 110 VAC electrical boxes with standard NEC spacing so that the combined 110 and low voltage device(s) may be covered with one multi-gang coverplate for an elegant appearance. The Box Buddy® uses a patent pending pull-off alignment tool that makes combined installation and alignment of 110 VAC and low voltage devices simple and quick. Box Buddy® low voltage mounting rings feature conduit flanges off-set by 5/8" which enable unobtrusive use of conduit connectors.

**FEATURES**

Combination Speaker Locator & Single Gang Mounting Ring  
 The MR-1 is a combination speaker locator - mud ring. It utilizes a unique group of features making it very useful & cost effective.

Sold and shipped individually



**MR-CVR**  
**Standard J-Box Cover - Round**

**DESCRIPTION**

The MR-CVR is a round, aluminum coverplate that is sized exactly to fit a standard J-Box. Even the screw holes are properly aligned to mesh correctly with a standard J-Box. The white painted MR-CVR presents an aesthetically pleasing appearance, providing an attractive solution for covering an electrical box for a light or ceiling fixture.

**FEATURES**

- Standard J-Box Coverplate for MR-1
- Round Aluminum Coverplate
- Sized exactly to fit a standard J-Box
- Painted white

Sold and shipped individually  
 Also sold 12 to a subcarton or 96 to a case (master carton).

**IN-WALL MEDIA PANEL**



**MP-8**  
**In-Wall Media Panel**

**DESCRIPTION**

The MP-8 In-Wall Media Panel adds flexibility and ease of installation to any media system job. Requiring only an 8" x 11 3/4" opening, the MP-8 mounts with just 4 screws using our 6-1/2" speaker frame and steel clamp ring (all included).

Sold and shipped individually

**FEATURES**

- 9mm Labeling System
- 378 Pre-Printed Labels
- Holds 8 Decora plates
- Steel Clamp-Ring Mounting System
- 5mm - Thick Powder-Coated, White Aluminum
- Overall Dimensions: 9-1/16" W x 12-3/4" H
- Cut-out Dimensions: 8" W x 11-3/4" H



**ISF-147**  
**"Pop-Up" Nylon Loudspeaker Cover**

**DESCRIPTION**

Protect your loudspeakers with the Insu-Flate. The ISF-147 will protect in-ceiling loudspeakers against abrasive insulation fibers and dust particles that can get into the voice coil assemblies and disable your loudspeakers. This great "Pop-Up" nylon loudspeaker cover is a simple and cost effective solution that will significantly improve your installations over the "long haul".

**FEATURES**

- One size fits all
- Nylon loudspeaker cover shields speaker from insulation
- Individually packaged
- Diameter: 14"
- Height: 7"

**SPEAKER BRACKETS**



**RIR-SERIES**  
**Pre-Construction Bracket Rough-In Kit**

**GENERAL FEATURES**

- Metal straps span 24" on centers
- Remove plastic seal when speaker is installed
- Versatile and Inexpensive
- Sold and shipped in pairs

**RIR-6** for all 6-1/2" in-ceiling models

- Mouth Opening: 7-1/2" Round
- Cut-out Dimensions: 6-1/2" Round x 2-3/8" deep

**FITS LOUDSPEAKER MODELS**

Preference: K-625, K-62  
 Presence: A-606, A-SP6  
 ArchiTech - Kevlar Series: SC-620f, SC-622 K  
 ArchiTech - Premium Series: SC-602f, SC-62

**RIR-8** For all 8" In-Ceiling Models

Mouth Opening: 8-5/8" Round

**FITS LOUDSPEAKER MODELS**

Preference: K-825d, K-82  
 Presence: A-808, A-SP8  
 ArchiTech - Kevlar Series: SC-820f, SC-822f  
 ArchiTech - Premium Series: SC-802f  
 Subwoofers: SE-805Wf

**RIR-615** for all 6-1/2" 15 Degree In-Ceiling Models

Mouth Opening: 9-1/4" round

**FITS LOUDSPEAKER MODELS**

Preference: K-6LCRS  
 Presence: A-6LCRS, PV-6LCRS

**RIR-815** for all 8" 15 Degree In-Ceiling Models

Mouth Opening: 11-1/2" round

**FITS LOUDSPEAKER MODELS**

Preference: K-8LCRS  
 Presence: A-8LCRS, PV-8LCRS

## SPEAKER BRACKETS



RIB-7



RIB-62, 82

### RIB-SERIES

#### Pre-Construction Bracket Rough-In Kit

#### GENERAL FEATURES

- Metal straps span 16" on centers
- Versatile and Inexpensive
- Remove plastic seal when speaker is installed
- Mount Horizontally or Vertically
- Sold and shipped in pairs

**RIB-7** for select 6-1/2" In-Wall Models  
Mouth Opening: 7-3/8" W x 10-7/8" H

FITS LOUDSPEAKER MODELS  
ArchiTech - Kevlar Series: SE-790 KE

ArchiTech - Premium Series: SE-791  
OEM Models: AW-700

**RIB-62** for select 6-1/2" In-Wall Models  
Mouth Opening: 8" W x 11-3/4" H

FITS LOUDSPEAKER MODELS  
Preference: K-602  
Presence: A-650  
In-Wall Media Panel: MP-8

**RIB-82** for all 8" In-Wall Models  
Mouth Opening: 9" W x 13" H

FITS LOUDSPEAKER MODELS  
Preference: K-802  
Presence: A-820, A-830

ArchiTech - Premium Series: SE-891E  
ArchiTech - Kevlar Series: SE-893 KE

**RIB-LCR** for all Dual 5-1/4" In-Wall Models  
Mouth Opening: 7-7/8" W x 14-7/16" H

FITS LOUDSPEAKER MODELS  
Preference: K-5LCR  
Presence: A-LCRS, PV-LCRS  
ArchiTech - Kevlar Series: SE-LCR KE



RIB-LCR



VPD-6, 8



VPD-82

### VPD-SERIES

#### Pre-Construction Bracket Rough-In Kit / Vapor Dome - Combination Rough-In Kit Vapor Dome / Back Box - 3 in 1 Device

#### GENERAL FEATURES

- Metal straps span 24" on centers
- Versatile and Inexpensive
- Remove plastic seal when speaker is installed
- Versatile and Inexpensive
- Dome / mounting flange slides along straps for positioning at any point between members
- Dome shields speaker from insulation
- Sold and shipped in pairs

**VPD-6** for all 6" In-Ceiling Models  
Mouth Opening: 7-3/8" round  
Mounting Depth: 7-1/4" deep  
(works in 2 x 8 construction)

FITS LOUDSPEAKER MODELS  
Preference: K-602, K-62  
Presence: A-606, A-SP6  
ArchiTech - Premium Series: SC-602f, SC-62  
ArchiTech - Kevlar Series: SC-620f, SC-622 K

**VPD-8** for all 8" In-Ceiling Models  
Mouth Opening: 8-5/8" round  
Mounting Depth: 7-3/4" deep  
(works in 2 x 8 construction)

FITS LOUDSPEAKER MODELS  
Preference: K-825d, K-82  
Presence: A-808, A-SP8  
ArchiTech - Kevlar Series: SC-820f, SC-822f  
ArchiTech - Premium Series: SC-802f  
Subwoofers: SE-80SWf

**VPD-82** for all 8" In-Wall Models  
Mouth Opening: 9" W x 13" H  
Rectangular  
Mounting Depth: 3-3/8" x 3-7/8"

FITS LOUDSPEAKER MODELS  
Preference: K-802  
Presence: A-820, A-830  
ArchiTech - Kevlar Series: SE-893 KE  
ArchiTech - Premium Series: SE-891E

## T-BAR BRIDGE & DOME



### PB-SERIES T-Bar Bridge

Formed sheet metal T-bar bridge to reinforce T-bar drop ceilings for installation of all 6-1/2" and 8" round speakers with snap in PE-8 Plenum Dome (shown right) for Fire Rated applications.

**PB-6** T-bar Bridge  
Hole / Cut-Out Size: 7-5/8"

**PB-8** T-bar Bridge  
Hole / Cut-Out Size: 8-13/16"



### PE-8 Plenum Dome

Steel Plenum Dome for Fire Rated applications. Includes EMT knock-outs for easy twist lock assembly when using with PB-6 & PB-8. Use with T-bar bridge in drop ceilings. Fits both the PB-6 and PB-8  
Depth: 4-1/2"

Need more specifications on any of the  
OEM System Products?  
Contact us at (562) 926-5758 or  
via email at [sales@cesparts.com](mailto:sales@cesparts.com)





**ICBM-PA08BT**  
**8" 2-Way Speaker Box, AC/Battery Powered, Built-in Amplifier, USB/SD Card Slot, FM Radio, Recording, and Bluetooth**

- Unidirectional Dynamic Microphone included
- USB/SD/MP3/WMA Player
- FM Radio
- Recording

- Built-in Bluetooth
- Equalizer
- Metal Grill Covered Speakers
- Woofer: 8", 30 oz
- Tweeter: 25MM Titanium Diap Driver
- Approx. RMS: 100W
- Professional XLR line and 1/4"
- Inputs: 1 x 1/4" TRS Microphone connector RCA in 8Ah Rechargeable Battery
- Powered by: AC 120V/240V or Rechargeable Battery



**ICBM-PA15BT**  
**15" 2 Way Speaker Box, with Built-in Amplifier, USB/SD Slot, FM Radio, Recording, EQ, and Bluetooth**

- Unidirectional Dynamic Microphone
- USB/SD/MP3/WMA Player
- FM Radio
- Recording
- BLUETOOTH
- Equalizer
- Treble/Bass EQ
- Metal Grill Covered Speakers

- Woofer: 15", 60oz, 3" voice coil
- Tweeter: 13 oz, 44mm Titanium Diap Driver
- Professional XLR line and 1/4"
- Approx. RMS: 250W
- Inputs: 2 XLR3 microphone connectors  
 2 x 1/4" TRS microphone connector RCA in
- Output: XLR3 speakON Connector
- AC: 120V/240V
- Handle bars and wheels
- Cabinets can be stand-mounted but do require a large tri-pod type stand



**ICBM-PA12BT**  
**12" 2-Way Speaker Box with built in Amplifier, USB/SD Slot, FM Radio, Recording, 5 Band EQ, and Bluetooth**

- Unidirectional Dynamic Microphone
- USB/SD/MP3/WMA Player
- FM Radio
- Recording
- Built-in Bluetooth
- Treble/Bass EQ
- Metal Grill Covered Speakers
- Woofer: 12", 40 oz, 2" voice coil
- Tweeter: 10 oz, 25mm Titanium Diap

- Driver
- Approx. RMS: 175W
  - Professional XLR line and 1/4" connector
  - Remote Control
  - Mic/Instrument inputs, with loop through
  - Inputs: 1 XLR3 Microphone connectors, 1 x 1/4" TRS Microphone connector RCA in
  - Output: XLR3 speakON connector
  - AC: 120V/240V
  - Handle bars and wheels
  - Cabinets can be stand-mounted but do require a large tri-pod type stand



**ICBM-CHARGE/15**  
**15" WOOFER, 2 Way Speaker Box, with Rechargeable Battery, Built-in Amplifier USB/SD Slot, FM Radio, EQ, and BLUETOOTH**

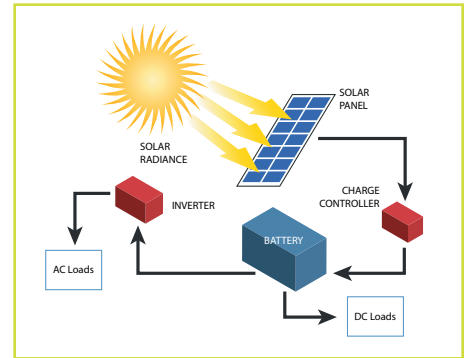
- Wireless Microphone Included
- USB/SD/MP3/WMA Player
- FM Radio
- Bluetooth
- 5 Band/EQ
- 12 AH Rechargeable battery
- Metal Grill Covered Speakers
- Woofer: 15", 45 oz, 2.5" voice coil
- Tweeter: 20 oz, 44mm, Titanium Diap

- Driver
- Professional XLR line in and out 1/4" Mic/Instrument inputs, with loop through
  - Inputs: XLR3 microphone connectors, 1/4" TRS microphone connector RCA AUX in
  - Output: 1 x 1/4" TRS Speaker out
  - AC: 120V/240V
  - Handle bars and wheels
  - Cabinets can be stand-mounted but require a large footprint tri-pod type stand
  - Color: Blackz



Energy for the next generation

- **Mono-crystalline cells:**  
**20% more efficient**
- **Heavy-duty anodized Aluminum frame**
- **Service life of more than 25 years**
  - **Water resistant**



A heavy-duty anodized aluminum frame provides strength and convenient mounting access. Cells are laminated between high transmissivity, low-iron, 3mm tempered glass and sheet tedlar-polyester-tedlar (TPT) material by

two sheets of ethylene Vinyl acetate (EVA). This protects against moisture penetrating into the module. Mono-Crystalline cells are up to 20% efficient and is said to have a service life of about 25 years.

**5W SOLAR PANEL**

Output Power (peak): 5W  
 Max Power Voltage (Vmp): 17.6v  
 Max Power Current (Imp): 0.278A  
 Open Circuit Voltage (Voc): 21.6v  
 Short Circuit Current (ISC): 0.306A  
 Working Temperature: -45C to +85C  
 Tolerance: +/- 5%  
 Size: 265x220x18mm  
 Recommended Controller: 12V-3A

**SCP5W12V**

**10W SOLAR PANEL**

Output Power (peak): 10W  
 Max Power Voltage (Vmp): 17.6v  
 Max Power Current (Imp): 0.57A  
 Open Circuit Voltage (Voc): 21.6v  
 Short Circuit Current (ISC): 0.61A  
 Working Temperature: -45C to +85C  
 Tolerance: +/- 5%  
 Size: 356x301x28mm  
 Recommended Controller: 12V-3A

**SCP10W12V**

**15W SOLAR PANEL**

Output Power (peak): 15W  
 Max Power Voltage (Vmp): 17.6v  
 Max Power Current (Imp): 0.85A  
 Open Circuit Voltage (Voc): 21.6v  
 Short Circuit Current (ISC): 0.92A  
 Working Temperature: -45C to +85C  
 Tolerance: +/- 5%  
 Size: 340x400x28mm  
 Recommended Controller: 12V-5A

**SCP15W12V**

**20W SOLAR PANEL**

Output Power (peak): 20W  
 Max Power Voltage (Vmp): 17.6v  
 Max Power Current (Imp): 1.14A  
 Open Circuit Voltage (Voc): 21.6v  
 Short Circuit Current (ISC): 1.23A  
 Working Temperature: -45C to +85C  
 Tolerance: +/- 5%  
 Size: 530x340x28mm  
 Recommended Controller: 12V-5A

**SCP20W12V**

**30W SOLAR PANEL**

Output Power (peak): 30W  
 Max Power Voltage (Vmp): 17.6v  
 Max Power Current (Imp): 1.7A  
 Open Circuit Voltage (Voc): 21.6v  
 Short Circuit Current (ISC): 1.84A  
 Working Temperature: -45C to +85C  
 Tolerance: +/- 5%  
 Size: 800x375x32mm  
 Recommended Controller: 12V-10A

**SCP30W12V**

**50W SOLAR PANEL**

Output Power (peak): 50W  
 Max Power Voltage (Vmp): 17.6v  
 Max Power Current (Imp): 2.84A  
 Open Circuit Voltage (Voc): 21.6v  
 Short Circuit Current (ISC): 3.07A  
 Working Temperature: -45C to +85C  
 Tolerance: +/- 5%  
 Size: 648x673x45mm  
 Recommended Controller: 12V-10A

**SCP50W12V**

**80W SOLAR PANEL**

Output Power (peak): 80W  
 Max Power Voltage (Vmp): 17.2v  
 Max Power Current (Imp): 4.675A  
 Open Circuit Voltage (Voc): 21.6v  
 Short Circuit Current (ISC): 5.17A  
 Working Temperature: -45C to +85C  
 Tolerance: +/- 5%  
 Size: 940x675x30mm  
 Recommended Controller:

**SCP80W12V**

**90W SOLAR PANEL**

Output Power (peak): 90W  
 Max Power Voltage (Vmp): 17.2v  
 Max Power Current (Imp): 5.23A  
 Open Circuit Voltage (Voc): 21.6v  
 Short Circuit Current (ISC): 5.81A  
 Working Temperature: -45C to +85C  
 Tolerance: +/- 5%  
 Size: 1062x675x30mm  
 Recommended Controller:

**SCP90W12V**

**100W SOLAR PANEL**

Output Power (peak): 100W  
 Max Power Voltage (Vmp): 17.2v  
 Max Power Current (Imp): 5.81A  
 Open Circuit Voltage (Voc): 21.6v  
 Short Circuit Current (ISC): 6.46A  
 Working Temperature: -45C to +85C  
 Tolerance: +/- 5%  
 Size: 1150x675x30mm  
 Recommended Controller:

**SCP100W12V**

*(Solar panels continued on next page)*



- Mono-crystalline cells: 20% more efficient
- Service life of more than 25 years
- Heavy-duty anodized Aluminum frame
- Water resistant

**120W SOLAR PANEL**

Output Power (peak): 120W  
 Max Power Voltage (Vmp): 17.2v  
 Max Power Current (Imp): 7.56A  
 Open Circuit Voltage (Voc): 21.6v  
 Short Circuit Current (ISC): 8.36A  
 Working Temperature: -45C to +85C  
 Tolerance: +/- 5%  
 Size: 1500x675x35mm  
 Recommended Controller:

**SCP120W12V**

**130W SOLAR PANEL**

Output Power (peak): 130W  
 Max Power Voltage (Vmp): 17.2v  
 Max Power Current (Imp): 7.56A  
 Open Circuit Voltage (Voc): 21.6v  
 Short Circuit Current (ISC): 8.36A  
 Working Temperature: -45C to +85C  
 Tolerance: +/- 5%  
 Size: 1500x675x30mm  
 Recommended Controller:

**SCP130W12V**

**150W SOLAR PANEL**

Output Power (peak): 150W  
 Max Power Voltage (Vmp): 18v  
 Max Power Current (Imp): 8.34A  
 Open Circuit Voltage (Voc): 21.6v  
 Short Circuit Current (ISC): 9.17A  
 Working Temperature: -45C to +85C  
 Tolerance: +/- 5%  
 Size: 1500x675x30mm  
 Recommended Controller:

**SCP150W12V**

**SOLAR CHARGE CONTROLLERS**



**CMP-1210A, CMP-1220A**

These solar charge controllers are especially designed utilizing industrial grade MCU SCM with high-performance, efficiency and excellent quality. The CMP-1210A & CMP-1220A are designed for home solar power systems as well as small solar power stations. Available in 10A & 20A in 12/24V.

Specifications	CMP-1210A	CMP-1220A
Rated Voltage	12/24V	12/24V
Rated Current	10A	20A
Absorption Voltage	14.4V/28.8V ± 0.2 V (2 hrs)	
Float Voltage	13.8V/27.6V ± 0.2 V	
Low Voltage Disconnection	10.7V /21.4V ± 0.2 V	
Low Voltage Reconnection	12.6V /25.2V ± 0.2 V	
Over-Voltage Disconnection	15.5V /31 V	
Over-Voltage Reconnection	15.0V /30 V	
Loop Voltage Drop	<0.3 V	
Self-consumption	<15 m A	
Operating Temp	-10°C~ +55°C	
Size	168mm x 88mm x 34mm	



**CMP-GP2024, CMP-GP3024**

The GP series controller is an intelligent, multipurpose solar charge and discharge controller. User friendly LCD display shows system status at all times. This controller features various control parameters and can be set to meet the application requirements. Available in 10A, 20A & 30A in 12/24V.

Specifications	CMP-GP2024	CMP-GP3024
Rated Voltage	12/24V	12/24V
Rated Current	20A	30A
Float Voltage	13.8V/27.6V	
Low Voltage Disconnection (LVD)	10.7V/21.4V	
Low Voltage Reconnection (LVR)	12.6V/25.2V	
Self-consumption	≤13mA	
Temp. Compensation	-4mV/Cell/°C (Custom)	
Operating Temperature	-20°C~60°C	
Storage Temperature	-30°C~70°C	
Humidity Requirement	10%~90%, no condensation	
Size	88 mm x 160 mm x 37 mm	
Mounting Hole Spacing	64 mm x 150 mm ---ø5	
Weight	230g	



**CMP-MPPT2024**

The most important feature of this controller is intelligent tracking input voltage from solar panel. This ensures the solar panel is always working at Maximum Power Point of V-A curve. This MPPT controller can increase charging efficiency efficiency from solar panel by up to 30%. Available in 10A & 20A in 12V & 24V

Specifications	CMP-MPPT2024
Solar panel input voltage	≤70V
MPPT Voltage Range	12V~70V (12V)
	24V~70V (24V)
Input Loads	1 load
Rated Voltage	12V/24V
Rated Charge Current	20A
Rated Discharge Current	20A
Self-consumption	≤15mA
Charging Mode	3-stage (Bulk/ Absorption/ Float)
Over Voltage Protection	16V / 32V
Float Voltage	13.8V / 27.6V
Absorbing Charging Voltage	14.4V / 28.8V
Low Voltage Protection(LVD)	11.5V / 23.0V
Low Voltage Reconnection(LVR)	12.6V / 25.2V
Temperature Compensation	-4mV / Cell / °C
The Highest Efficiency	97%
Cooling Way	passive cooling
Made of Connection	port
Operating Temperature	-10°C~+50°C
Storage Temperature	-30°C~+80°C
Humidity Requirements	0~90%, no condensation
Dimension(L x W x H)	188 x 118.5 x 54.5 mm
Weight	0.8Kg



According to the voltage of the battery, controller will adjust the charging current and decided if to supply power to the loads.

1. Generally keeps the battery on full voltage condition
2. Prevents the battery from over-charging or discharging
3. Prevents the battery from supplying power to solar panels during nights

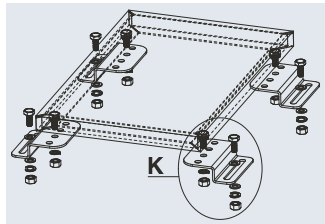
**SS1203A**

**3AMP**

# SINGLE PANEL UNIVERSAL/POLE/WALL MOUNTING BRACKET KITS



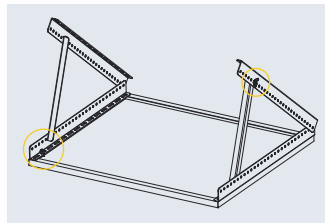
The CSLB series mounting kits are designed for use with the CES SOLAR series solar panels, and can be easily adapted to work with most other brands of solar panels. All kits include stainless steel hardware. Each kit is designed for specific applications such as RV's, boats, small sheds, garages or any instance where an off grid solar panel is needed. U-bolts and/or steel clamps are not included.



**CSLB-0102 – Universal Flat Mount Bracket Kit**

Mounting Type	Universal Mount
Module type*	Universal, works with most panel brands and types
Number of modules	Mounts 1 panel
Setting Angle	Fixed
Wind Load	100km/Hr
Snow Load	1.1kN/m <sup>2</sup>
Material	Aluminum
Lifetime	20 years

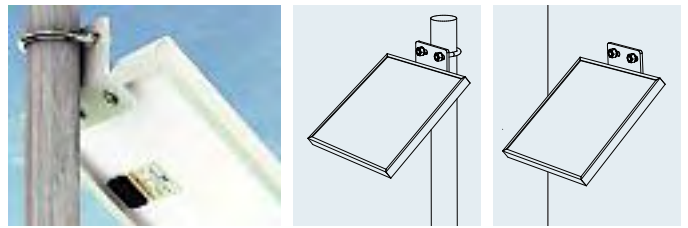
\* When using this kit with another brand of panel you may need to change the module bolts to suit the mounting holes on the panel.



**CSLB-0103 - Tilt Mount Bracket Kit**

Mounting Type	Tilt
Module type*	SCP130W12V
Number of modules	Mounts 1 panel
Setting Angle	20° - 90°
Wind Load	100km/Hr
Snow Load	1.1kN/m <sup>2</sup>
Material	Aluminum
Lifetime	1 year

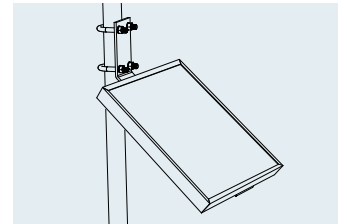
\* This kit may be used with another brand of panel with slight modification.



**CSLB-0119 – Side of Pole/Wall Mount Bracket**

Mounting Type	Side of Pole/Wall mount
Module type*	SCP05W12V
Number of modules	Mounts 1 panel
Setting Angle	Fixed
Wind Load	100km/Hr
Snow Load	1.1kN/m <sup>2</sup>
Material	Aluminum
Lifetime	5 years

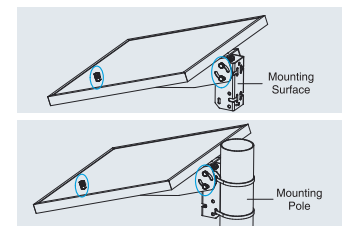
\* U-Bolts not provided with this kit.



**CSLB-0120 – Side of Pole/Wall Mount Bracket**

Mounting Type	Side of Pole/Wall mount
Module type*	SCP10W12V, SCP15W12V, SCP20W12V
Number of modules	Mounts 1 panel
Setting Angle	Fixed
Wind Load	100km/Hr
Snow Load	1.1kN/m <sup>2</sup>
Material	Aluminum
Lifetime	5 years

\* U-Bolts not provided with this kit.



**CSLB-0112 – Side of Pole/Wall Mount Bracket**

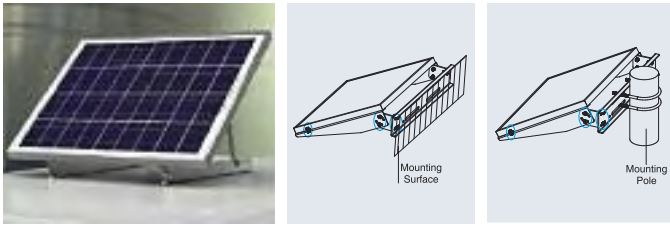
Mounting Type	Side of Pole/Wall mount
Module type*	SCP10W12V, SCP15W12V, SCP20W12V, SCP30W12V
Number of modules	Mounts 1 panel
Setting Angle	20° - 90°
Wind Load	100km/Hr
Snow Load	1.1kN/m <sup>2</sup>
Material	Aluminum
Lifetime	1 year

U-Bolts or steel clamps not provided with this kit.

\* When using this kit with another brand of panel you may need to change the module bolts to suit the mounting holes on the panel.



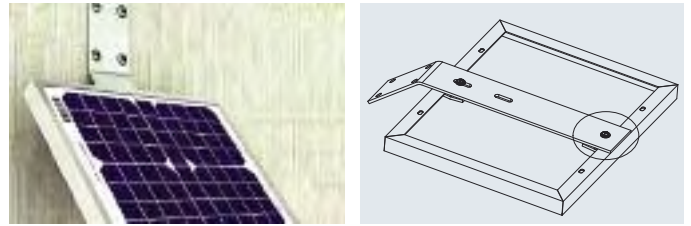
## SINGLE PANEL UNIVERSAL/POLE/WALL MOUNTING BRACKET KITS(Continued)



**CSLB-0113 – Side of Pole/Wall Mount Bracket**

Mounting Type	Side of Pole/Wall mount
Module type*	SCP40W12V, SCP50W12V, SCP80W12V
Number of modules	Mounts 1 panel
Setting Angle	0° - 90°
Wind Load	100km/Hr
Snow Load	1.1kN/m <sup>2</sup>
Material	Aluminum
Lifetime	5 years

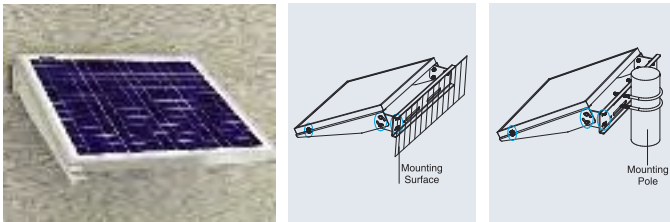
*U-Bolts or steel clamps not provided with this kit.  
\* When using this kit with another brand of panel you may need to change the module bolts to suit the mounting holes on the panel.*



**CSLBRKT-02 – L-Style Panel Mount**

Mounting Type	L-Style Mount
Module type*	SCP90W10V, SCP15W12V, SCP20W12V, SCP20W12V,
Number of modules	Mounts 1 panel
Setting Angle	0° - 90°
Wind Load	100km/Hr
Snow Load	1.1kN/m <sup>2</sup>
Material	Anodized Aluminum
Lifetime	5 years

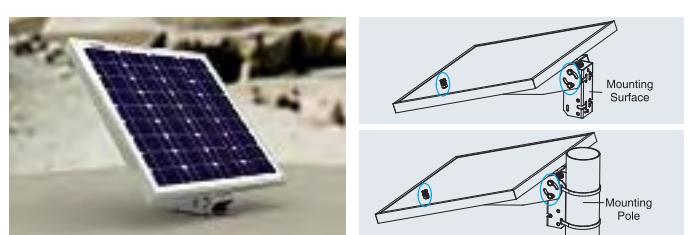
*U-Bolts or molly bolts are not provided with this kit.  
\* When using this kit with another brand of panel you may need to change the module bolts to suit the mounting holes on the panel.*



**CSLB-0114 – Side of Pole/Wall Mount Bracket**

Mounting Type	Side of Pole/Wall mount
Module type*	SCP90W12V, SCP90W12V, SCP100W12V, SCP120W12V, SCP130W12V
Number of modules	Mounts 1 panel
Setting Angle	0° - 90°
Wind Load	100km/Hr
Snow Load	1.1kN/m <sup>2</sup>
Material	Aluminum
Lifetime	5 years

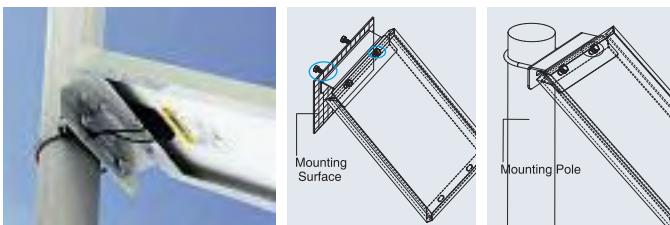
*U-Bolts or steel clamps are not provided with this kit.  
\* When using this kit with another brand of panel you may need to change the module bolts to suit the mounting holes on the panel.*



**CSLBRKT-03 – Universal Flat & Pole Mount Kit**

Mounting Type	Universal flat & pole mount
Module type*	Universal, works with most panel brands and types
Number of modules	Mounts 1 panel
Setting Angle	Fixed
Wind Load	100km/Hr
Snow Load	1.1kN/m <sup>2</sup>
Material	Aluminum
Lifetime	20 years

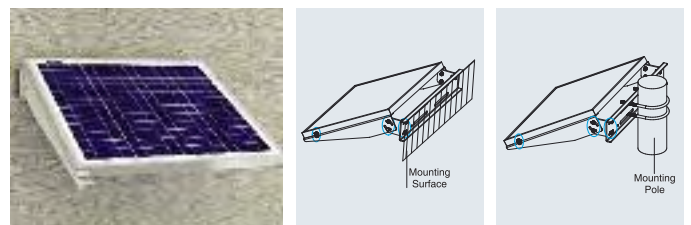
*U-Bolts or steel clamps are not provided with this kit.  
\* When using this kit with another brand of panel you may need to change the module bolts to suit the mounting holes on the panel.*



**CSLBRKT-01 – Side of Pole/Wall Mount Bracket**

Mounting Type	Side of Pole/Wall mount
Module type*	SCP05W12V
Number of modules	Mounts 1 panel
Setting Angle	Fixed
Wind Load	100km/Hr
Snow Load	1.1kN/m <sup>2</sup>
Material	Aluminum
Lifetime	5 years

*U-Bolts or steel clamps are not provided with this kit.  
\* When using this kit with another brand of panel you may need to change the module bolts to suit the mounting holes on the panel.*

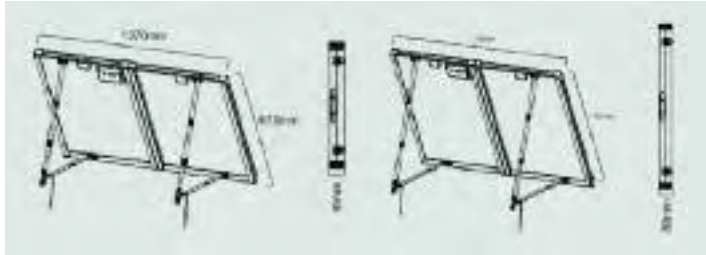


**CSLBRKT-04 – Side of Pole/Wall Mount Bracket**

Mounting Type	Side of Pole/Wall mount
Module type*	SCP50W12V, SCP80W12V
Number of modules	Mounts 1 panel
Setting Angle	0° - 90°
Wind Load	100km/Hr
Snow Load	1.1kN/m <sup>2</sup>
Material	Aluminum
Lifetime	20 year

*U-Bolts or steel clamps are not provided with this kit.  
\* When using this kit with another brand of panel you may need to change the module bolts to suit the mounting holes on the panel.*

## PORTABLE SOLAR PANEL CHARGING SYSTEMS



### 12V Portable - Foldable Solar Panel Charging Systems

The Greenergy-Technology SLPF Series of portable solar chargers is in its third generation. Originally designed for humanitarian efforts in Africa these products are widely used in a wide range of applications including; ...RV, camping, boating, hunting, disaster recovery and military.

**Kit comes with:**

**Carry Case.** For safe transportation and storage these kits come with an aluminum case.

**Telescopic Adjustable Legs.** Easily adjusted allowing of r maximum power generation based on location and time of day.

**Smart PWM Controller.** Safely regulates battery charging. LED display indicates state of charge and a toggle switch allows for lead-acid and gel battery charging.

**Battery Clamp and Ring Terminal.**

**Carry Handle and Locking Fasteners.** For easy handling and fasteners lock the panel shut while in transit.

**SLCK-090-12S** 90W/12V Charging Kit

**SLCK-130-12S** 130W/12V Charging Kit

## SOLAR CHARGING KITS



### 12V Solar Trickle Charger Kits

Ideal for many outdoor applications such as Camping, Hunting, Fishing, Boating, Caravanning, RV, and more!

**Kit includes:**

- Multicrystalline solar panel
- Blocking diode in junction box
- Battery clamps and leads

**SLCK-010-12** 10W/12V, 302mm X 357mm X 30mm

**SLCK-020-12** 20W/12V (576mm X 357mm X 30mm)







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Coast Electronics Supply  
12753 Moore St  
Cerritos, CA 90703 USA  
Local: 562-926-5758  
Fax: 562-926-7270  
Email: [sales@cesparts.com](mailto:sales@cesparts.com)

