

# 2.13 mm. DIAMETER WIRE TO WIRE CONNEC.



## 5030 SERIES. 5.08 mm. (0.200") pitch. Plug / Receptacle housing.

### General Features

- Available in 2, 3, and 4 circuits
- Allow wire to wire and wire to PCB connections
- Mates with 2.13 mm diameter 5030 crimp housing and 2.13 mm diameter pin header 5035 series
- Polarised with friction locking
- Use crimp terminal 5031, 5032, 5033 and 5034 series

### Materials

- Insulator: Nylon 66 UL 94 V-2
- Operating temperature: -25°C to +105°C
- RoHS compliant

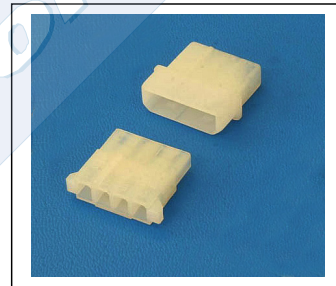
### Dimensional Information

### Electrical Features

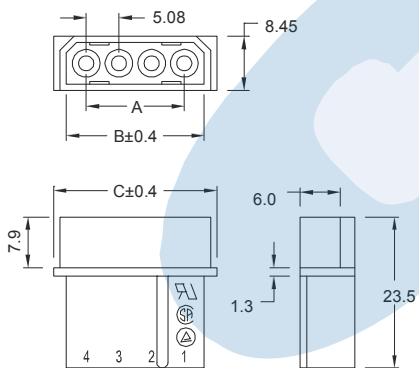
- Voltage rating: < 250 V
- Current rating: < 6 A
- Contact resistance: < 10 mΩ
- Dielectric withstanding voltage: 1500 V AC/minute
- Insulation resistance: > 1000 MΩ

### Mechanical Features

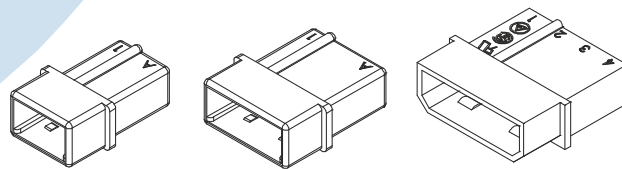
- Insertion force: < 2.50 Kgf/pin
- Withdrawal force: > 0.40 Kgf/pin
- Terminal retention force to insulator: > 4 Kgf
- Durability: 25 cycles



### PLUG



Circuits	Part Number	Dimensions		
		A	B	C
02	<b>5030-2022</b>	5.08 (0.200)	11.24 (0.442)	15.24 (0.600)
03	<b>5030-2032</b>	10.16 (0.400)	16.32 (0.642)	20.32 (0.800)
04	<b>5030-2042</b>	15.24 (0.600)	21.40 (0.842)	25.40 (1.000)



### RECEPTACLE

Circuits	Part Number	Dimensions	
		A	B
02	<b>5030-1022</b>	5.08 (0.200)	10.84 (0.427)
03	<b>5030-1032</b>	10.16 (0.400)	15.92 (0.627)
04	<b>5030-1042</b>	15.24 (0.600)	21.00 (0.827)

