

# HALF PITCH SOLDER PIN TYPE PLUG CON.



## 8171 SERIES. Micro Pin solder Plug Connector.

### General Features

- Available in 26, 50 and 68 circuits
- Contact area: selective gold plating over nickel
- Solder area: Tin plating
- Accept wires AWG 28 and 30
- High Reliability and High Density packaging
- Use hood 8160 and 8162 series
- With different hardware options. Contact sales office

### Materials

- Insulator: Glass-Filed Thermoplastic PBT, UL94V-0 rated
- Contact: Phosphor bronze
- Shell : Steel nickel plated
- Spring latch and screwlock: Steel Nickel Plated
- Operating temperature. -25°C to +85°C. RoHS compliant

### Dimension Information

### Electrical Features

- Voltage rating: < 250 V
- Current rating: < 1 A
- Contact resistance: < 25 mΩ
- Dielectric withstanding Voltage: 500 V AC/minute
- Insulation resistance: >500 MΩ

### Mechanical Features

- Mating force per contact: < 0.10 Kgf
- Unmating force per contact: < 0.07 Kgf
- Durability: 200 Cycles



Circuits	Part Number	Dimensions	
		A	B
26	<b>8171 – T026</b>	24.00 (0.945)	19.60 (0.772)
50	<b>8171 – T050</b>	39.30 (1.547)	34.85 (1.372)
68	<b>8171 – T068</b>	50.70 (1.996)	46.35 (1.825)

### T = Contact Plating

- T = 3. Gold flash over 50μ" nickel.
- T = 4. 10μ" gold over 50μ" nickel
- T = 5. 15μ" gold over 50μ" nickel
- T = 6. 30μ" gold over 50μ" nickel

