

# HALF PITCH PLUG CENTRONIC CONNECTOR



## 8151 SERIES. Half pitch solder Centronic Plug Connector.

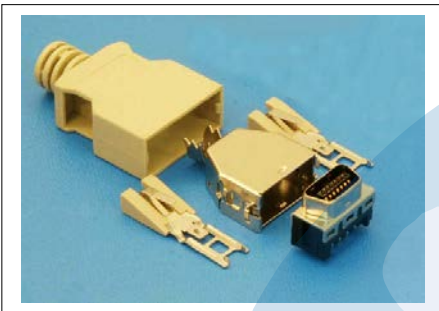
### General Features

- Available in 14, 20, 26, 36, 50 and 68 circuits
- Contact area: selective gold plating over nickel
- IDC area: Tin plating
- Accept wires AWG 28 and 30
- High Reliability and High Density packaging
- With different hardware options. Contact sales office

### Materials

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

### Dimension Information



### Electrical Features

- Voltage rating: < 125 V
- Current rating: < 0.50 A
- Contact resistance: < 35 mΩ
- Dielectric withstanding Voltage: 500 V AC/minute
- Insulation resistance: >500 MΩ

### Mechanical Features

- Insertion force per contact: < 0.050 Kgf
- Withdrawal force per contact: < 0.005 Kgf
- Durability: 500 Cycles

Circuits	Part Number		DIMENSIONES		
	W/O Hood	With Hood (8160)	A	B	C
14	8151 - T014	8151 - T0142	17.19 (0.677)	12.79 (0.504)	7.62 (0.300)
20	8151 - T020	8151 - T0202	21.00 (0.827)	16.60 (0.564)	11.43 (0.450)
26	8151 - T026	8151 - T0262	24.81 (0.977)	20.41 (0.804)	15.24 (0.600)
36	8151 - T036	8151 - T0362	31.16 (1.227)	26.76 (1.054)	21.59 (0.850)
50	8151 - T050	8151 - T0502	40.10 (1.579)	35.65 (1.404)	30.48 (1.200)
68	8151 - T068	8151 - T0682	51.48 (2.027)	47.08 (1.854)	41.91 (1.650)

### 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

