

HALF PITCH IDC PLUG CENTRONIC CON.



8150 SERIES. Half pitch IDC 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

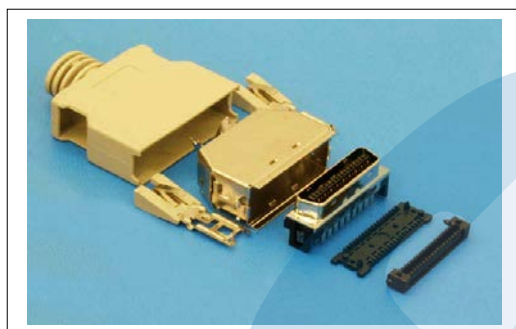
Dimension Information

Electrical Features

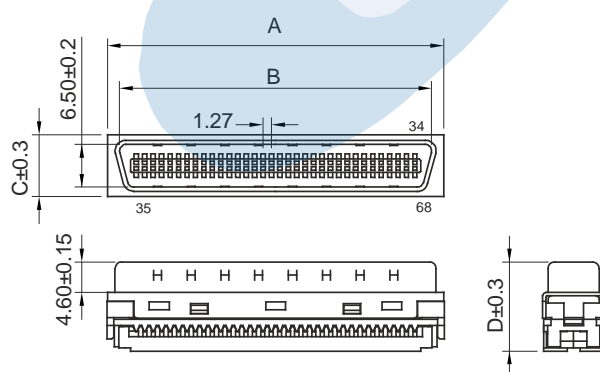
- Voltage rating: < 125 V
- Current rating: < 0.50 A
- Contact resistance: < 35 mΩ
- Dielectric withstanding Voltage: 500 V AC/minute
- Insulation resistance: >500 MΩ

Mechanical Features

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



Circuits	Part Number	Dimensions			
		A	B	C	D
14	8150 – T014C	16.45	12.80	8.60	13.10
20	8150 – T020C	20.20	16.60	9.50	13.10
26	8150 – T026C	24.00	20.40	9.50	13.10
36	8150 – T036C	30.40	26.70	8.60	13.10
50	8150 – T050C	39.30	35.60	9.50	13.80
68	8150 – T068C	50.90	46.95	9.30	13.10
100	8150 – T100C	71.05	67.29	9.30	13.80



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

C = AWG (Wire Diameter)

- T = 6. 0.62 mm.
- T = 7. 0.75 mm.
- T = 8. 0.80 mm.
- T = 9. 0.90 mm.

