

D-SUB RIGHT ANGLE PCB PLUG CONNECTOR



8012 SERIES. 8.10 mm. Foot Print D Sub.

General Features

- Available in 9, 15, 25 and 37 ways
- Contact area: selective gold plating over nickel
- Solder area: tin plating over nickel
- Different hardware options
- Contact sales office

Materials

- Insulator: Glass-Filled Thermoplastic PBT, UL94V-0 rated
- Contact: Brass
- Shell : Steel, 100 μ Tin over 50 μ Min. Copper
- Clinch Nut : Brass, Nickel Plated
- Screwlock : Brass, Nickel Plated
- Operating temperature. -25°C to +85°C
- RoHS compliant

Dimension Information

Electrical Features

- Voltage rating: < 250 V
- Current rating: < 3 A
- Contact resistance: < 20 m Ω
- Dielectric withstanding Voltage: 500 V AC/minute
- Insulation resistance: >1000 M Ω

Mechanical Features

- Insertion force per contact: < 0.34 Kgf
- Withdrawal force per contact: < 0.030 Kgf
- Durability: 500 Cycles



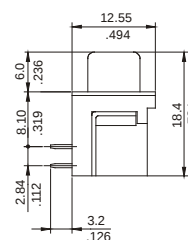
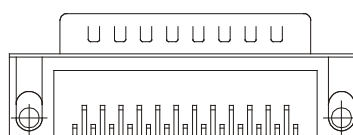
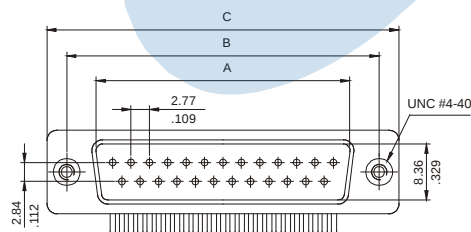
Circuits	Part Number	Dimensions		
		A	B	C
9	8012 - T09C	16.92 (0.666)	25.00 (0.984)	30.80 (1.213)
15	8012 - T15C	25.25 (0.994)	33.30 (1.311)	39.20 (1.543)
25	8012 - T25C	38.96 (1.534)	47.10 (1.854)	53.10 (2.091)
37	8012 - T37C	55.42 (2.182)	63.50 (2.500)	69.40 (2.732)

T = Contact Plating

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

C = Hardware Options

- C = 1. Riveted ground hooks pre-loaded
#4.40 UNC Hex screws (standard)
- C = 0. Riveted ground hooks with
#4.40 UNC open



RECOMMENDED HOLE PATTERN

