

D-SUB STRAIGHT PCB SOCKET CONNECTOR



8121 SERIES. D Sub PCB plug connector.

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: Phosphor bronze
- Shell : Steel, 100U Tin Over 50U Min Copper
- Clinch Nut : Brass, Nickel Plated
- Screwlock : Brass, Nickel Plated
- Operating temperature. -25°C to +85°C
- RoHS compliant

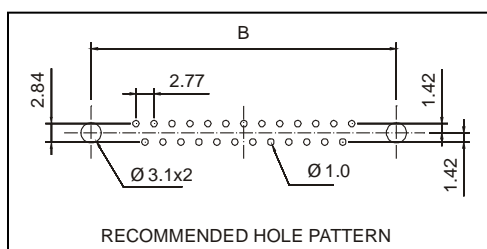
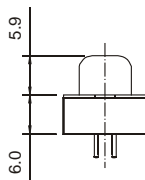
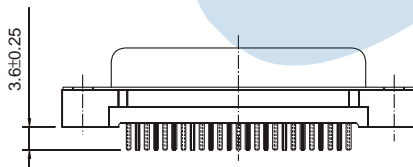
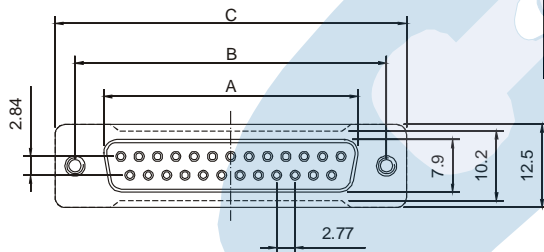
Dimensional Information

Electrical Features

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

Mechanical Features

- Insertion force per contact: < 0.34 Kgf
- Withdrawal force per contact: < 0.03 Kgf
- Durability: 500 Cycles



circuits	Part Number	Dimensions		
		A	B	C
9	8121 – T09C	16.33(0.643)	24.99 (0.984)	30.81 (1.213)
15	8121 – T15C	24.66 (0.971)	33.32 (1.312)	39.14 (1.541)
25	8121 – T25C	38.38 (1.511)	47.04 (1.852)	53.04 (2.088)
37	8121 – T37C	54.84 (2.159)	63.50 (2.500)	69.32 (2.729)

T = Contact Plating

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

C = Hardware Options

- C = 1. Standard with 3.05mm(.012") dia. mount hole.
- C = 5. Standard With 4.40 UNC jackscrew Installed + Board Lock (**D2 Type**)

