D-SUB STRAIGHT PCB PLUG CONNECTOR

8018 SERIES. D Sub plug high profile connector.

General Features

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

Materials

- Insulator: Glass-Filed Thermoplastic PBT, UL94V-0 rated
- Contact: Brass
- 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

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

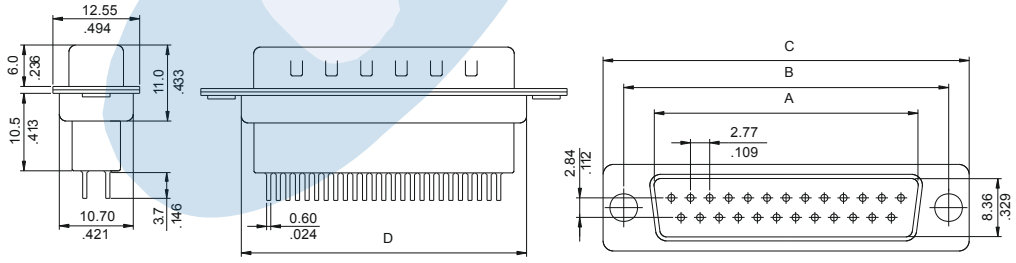
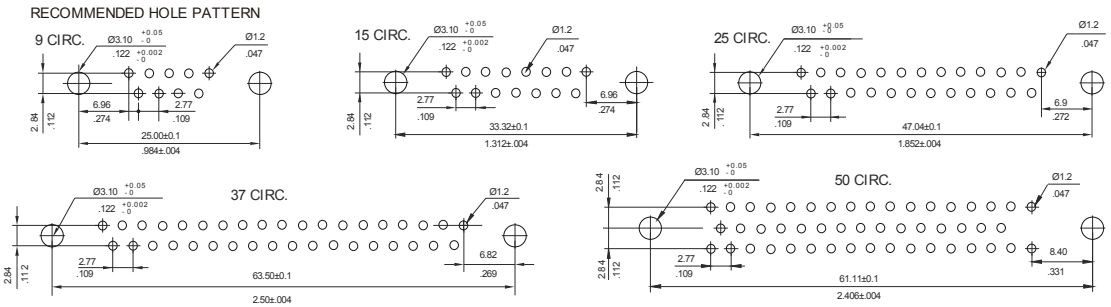
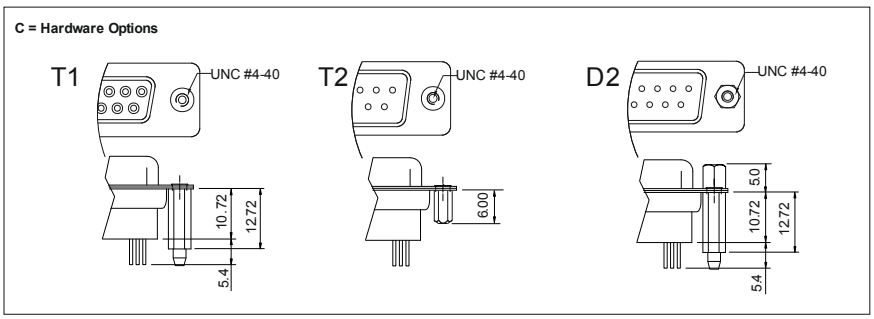
- Insertion force per contact: < 0.34 Kgf
- Withdrawal force per contact: < 0.030 Kgf
- Durability: 500 Cycles

Dimension Information

Circuits	Part Number	Dimensions			
		A	B	C	D
9	**8018** – T09C	16.92 (0.666)	24.99 (0.984)	30.81 (1.213)	19.23 (0.757)
15	**8018 – T15C**	25.25 (0.994)	33.32 (1.312)	39.14 (1.541)	27.56 (1.085)
25	**8018 – T25C**	38.96 (1.534)	47.04 (1.852)	53.04 (2.088)	41.28 (1.625)
37	**8018 – T37C**	55.42 (2.182)	63.50 (2.500)	69.32 (2.729)	57.73 (2.273)

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 = Hardware Options

- C = **1.** Standard with 3.05mm(.012") dia. mount hole
- C = **3.** Whit riveted #4-40 UNC clinch nuts 6.00mm thickness **T2**
- C = **4.** Whit riveted retaining clip ground strap 5.00mm thickness **T1**
- C = **5.** With 4.40 UNC hexagonal standoff **D2**