

# SLIM D-SUB RIGHT ANGLE PCB SOCKET CON.



## 8095 SERIES. D Sub PCB socket connector. SLIM

### General Features

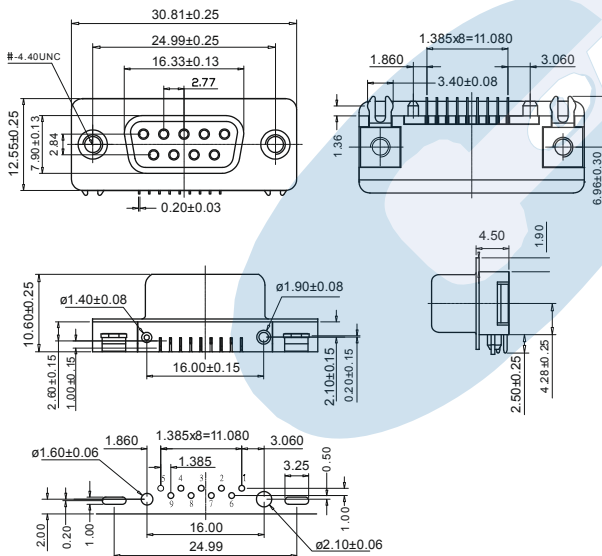
- Available in 9 and 25 ways
- Contact area: selective gold plating over nickel
- Solder area: tin plating over nickel
- Different hardware options. Contact sales office

### Materials

- Insulator: Glass-Filled Thermoplastic PBT, UL94V-0 rated
- Contact: Phosphor bronze
- Shell : Steel, 100U Tin Over 50U Min Copper
- linch Nut : Brass, Nickel Plated
- Screwlock : Brass, Nickel Plated
- Boardlock : Brass, Tin Plated
- Operating temperature. -25°C to +85°C
- RoHS compliant

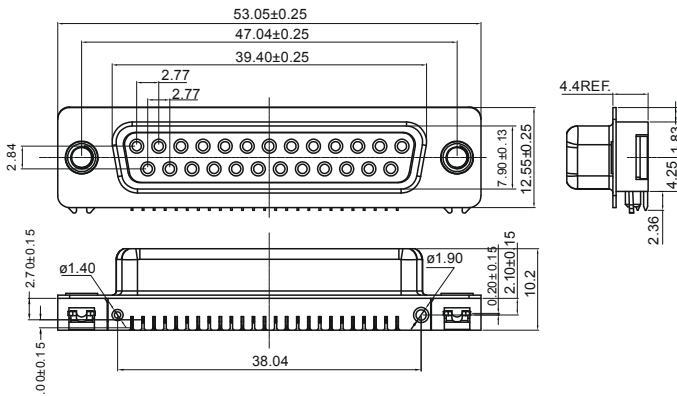
### Dimensional Information

#### 9 CIRCUITS



RECOMMENDED PCB LAYOUT

#### 25 CIRCUITS

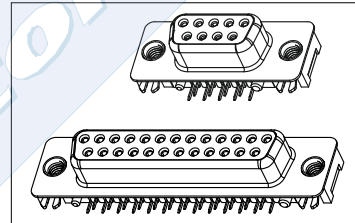


### Electrical Features

- 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



Circuit Size	Part Number
9	8095 - T09C
25	8095 - T25C

### T = Plating options

- T = 3. Gold flash over 1.27 μ Ni.
- T = 4. 0.25 μ Gold over 1.27 μ Ni.
- T = 5. 0.50 μ Gold over 1.27 μ Ni.
- T = 6. 0.75 μ Gold over 1.27 μ Ni.

### C = Connector options

- C = 1. Standard version with grounding tap L2 and clinch nut 4-40 UNC mounted
- C = 0. Standard version with grounding tap L2 inserted nut 4.40 UNC w/o hexagonal nut (Recommended Finish)

