

D-SUB IDC SOCKET CONNECTOR



8021 SERIES. Insulation Displacement.

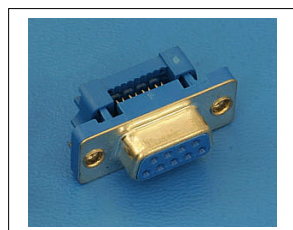
General Features

- Available in 9, 15, 25, and 37 circuits
- Mates with standard D-sub male connectors
- Wires range: 28AWG O. D. maximum 0.85 mm.
- Accept cable 1.27 mm. pitch 9127 series
- With strain relief

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. -40°C to +105°C
- RoHS compliant

Dimension Information



Circuit Size	Part Number	Dimensions				
		A	B	C	D	E
09	8021- T09C1	16.33 (0.643)	24.99 (0.984)	30.90 (1.217)	21.80 (0.858)	12.08 (0.476)
15	8021- T15C1	24.66 (0.971)	33.32 (1.312)	39.20 (1.543)	29.60 (1.165)	19.70 (0.776)
25	8021- T25C1	38.38 (1.511)	47.04 (1.852)	53.10 (2.091)	43.30 (1.705)	32.40 (1.276)
37	8021- T37C1	54.84 (2.159)	63.50 (2.500)	69.50 (2.736)	59.90 (2.358)	47.72 (1.879)

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

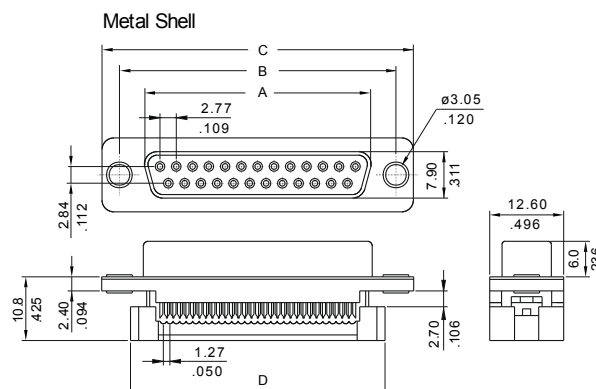
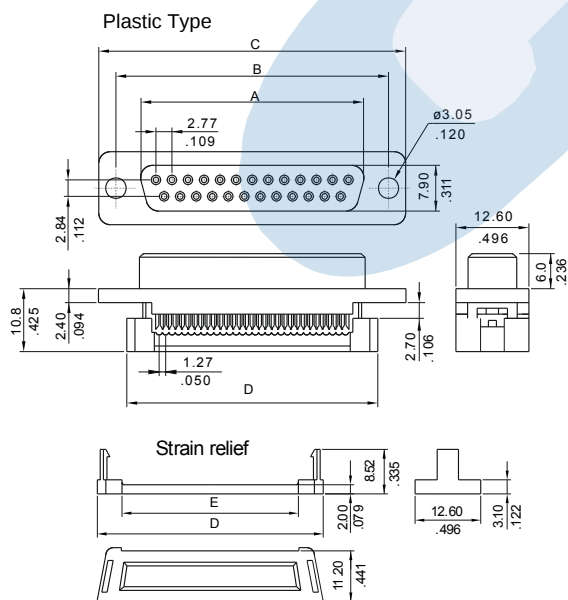
- Insertion force per contact: < 0.34 Kg
- Withdrawal force per contact: < 0.22 Kg
- Durability: 500 Cycles

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. Full plastic (Clear hole 3.05 mm.)
- C = 2. Metal Shell + Nut #4-40UNC
- C = 3. Metal Shell (Clear hole 3.05 mm.)
- C = 4. W/O insulator support (Clear hole 3.05 mm)



C = Hardware Options

C=1 Full plastic (Clear hole 3.05 mm.)	C=2 Metal Shell + Nut #4-40 UNC	C=3 Metal Shell (Clear hole 3.05 mm.)	C=4 W/O insulator support (Clear hole 3.05 mm.)
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