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D-subminiature

Crimp & Poke - D*U Series - Metal Shell

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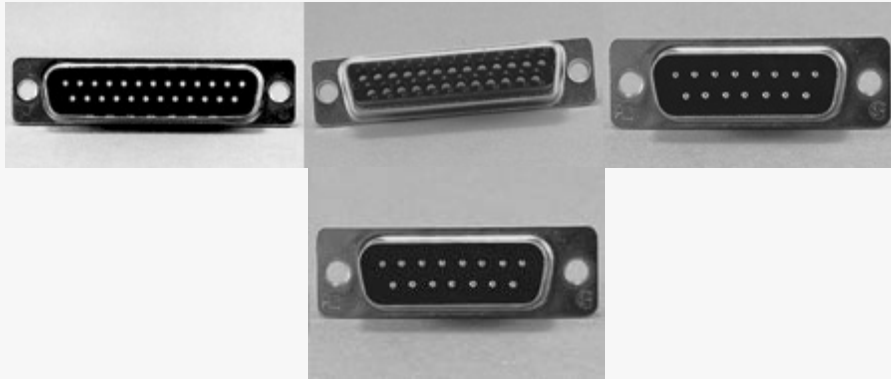
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Typical Connectors



Features:

- Offered in 9, 15, 25, 37, and 50 position plugs and sockets.
- Available with gold flash or 30µin. gold plating.
- Offered with .120 mounting holes, optional 4-40 clinch nuts.
- Approvals:
 - UL Recognized - Files E170218 (UL1977) and E130965 (UL1863).
 - CSA Approved - File LR31996.

Materials:

Insulator Material:	Glass-filled nylon (black), UL 94 V-O rated
Connector Shell:	Steel with zinc plating and yellow chromate finish or tin plating (grounding indents on plug)
4-40 Clinch Nut:	Steel with cadmium plating and yellow chromate finish
Contact Material:	Plug & Socket: Copper Alloy (machined).
Contact Plating:	Machined Plugs and Sockets: Gold flash or 30µin gold. All over nickel.

Mechanical:

Individual Contact Insertion and Separation Force (minimum/maximum):	0.7 oz./12 oz.
Durability:	500 mating cycles

Electrical:

Withstanding Voltage:	Minimum 1000V RMS @ sea level
Current Rating:	5 Amps
Contact Resistance:	2.7 milliohms maximum
Insulation Resistance:	5000 megohms maximum (initial); 1000 megohms (minimum) after environmental testing

Environmental:

Operating Temperature:	-65°C to + 125°C
Shock:	50G peak per MIL-STD-202, Method 213, Condition G
Vibration:	12 cycles in three perpendicular directions @ 10-2000Hz, per MIL-STD-202, Method 204, Condition D
Moisture Resistance:	90-95% relative humidity @ 40°C for 96 hours per MIL-STD-202, Method 103

Termination Tooling:

- Contact Insertion / Extraction: #CIET-20-HDB.
- Loose Contact Crimp Tool:
 - Machined Contact-#M22520/2-01.
 - Positioner Number:#EP-580

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