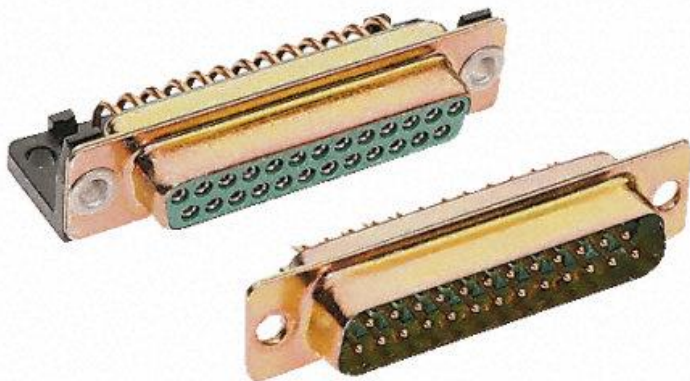


Datasheet

2.41mm Pitch Straight Crimp D-Sub Connector Housing, Plug, 62 Way

RS Stock 484-868



Features

- Commercial version of M24308 military connectors with tin-plated or zinc-plated shell and 30µin. gold plating.
- Monoblock green diallyl phthalate insulator for improved electrical performance.
- Machined contacts for precision performance.
- Offered in 9, 15, 25, 37, and 50 position plugs and sockets.
- Offered with .120 mounting holes, 4-40 clinch nuts, or dual float bushings.
- Approvals:
 - UL Recognized - Files E170218 (UL1977) and E130965 (UL1863).
 - CSA Approved - File LR31996

Materials

Insulator Material: Glass-filled diallyl phthalate (green) UL 94V-0 rated

Connector Shell: Steel with zinc plating and yellow chromate finish or tin plating (grounding indents on plug)

Contact Material: Plug - Brass (machined), Socket - Phosphor bronze (machined)

Contact Plating: 30µin. gold over nickel

4-40 Clinch Nut: Steel with cadmium plating and yellow chromate finish

Dual Float Bushing: Stainless steel, passivated

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

Electrical

Withstanding Voltage: Minimum 1250V 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

Mechanical

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

Durability: 500 mating cycles

- Will accommodate up to 20 AWG wire.