

Datasheet

9 Way, Right Angle Through Hole Mount Mount Micro-D PCB Connector Socket

RS Stock number [312-2759](#)



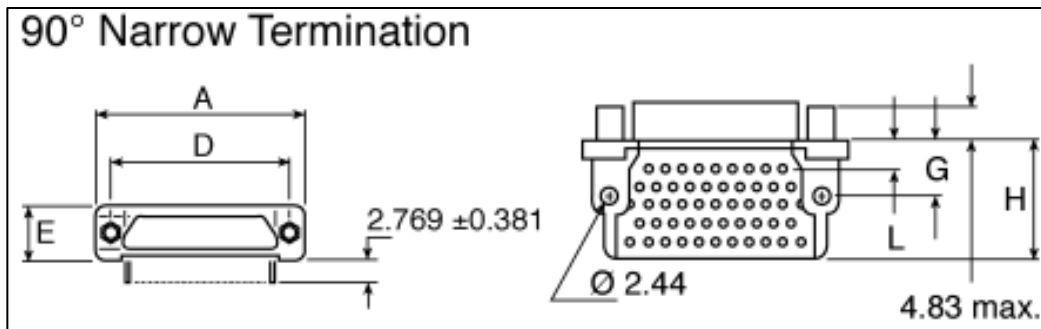
Description:

RS D-Microminiature right angle PCB mount terminal block plug and socket connectors with a 1.27mm pitch and narrow profile which meet requirements of MIL-C-83513. These 1.27mm Microminiature D Connectors have gold plated copper alloy pin contacts made from a precision miniature spring cable with a welded tip, the expanded cable provides seven spring members around the pin to ensure secure mating with the socket wall. These pin contacts are in recessed cavities and are protected from moisture and isolated from each other and the metal shell by a silicone elastomer interfacial seal. The shell of these D-Microminiature right angle PCB mount block and socket terminal block connectors is made from aluminium alloy with a yellow chromate over cadmium plating with a UL94V-0 glass filled polyester insulator. Mating is via two jackposts.

Typical applications for these 1.27 mm D-Microminiature terminal block connectors include miniaturized airborne electronics and data processing equipment where shorter signal paths are needed.

Features:

- Plug & socket versions available in 9, 15, 21, 25, 31, 37, 51, and 100 positions.
- Flow-through design facilitates inspection and cleaning after soldering.
- All terminal block connectors use standard mounting hardware.
- Metal shell provides EMI/RFI shielding capability.
- Available in 3 styles: Straight mount, 90° right-angle mount, and 90° right angle narrow profile mounting.
- Silicone elastomer interfacial seal protects contacts from moisture and isolates them from each other and from the metal shell.
- Meets requirements of MIL-PRF-83513-D.
- Choice of insulator materials.

Dimensions:

Specification:

- Body Orientation: Right Angle
- Contact Material: Copper Alloy
- Contact Plating: Gold
- Current Rating: 3A
- Depth: 15.5mm
- Gender: Female
- Housing Material: Aluminium Alloy
- Length: 19.94mm
- Maximum Operating Temperature: +135°C
- Minimum Operating Temperature: -55°C
- Mounting Type: Through Hole
- Number of Contacts: 9
- Pitch: 2.54mm