3M[™] Pak 10 Socket

1 mm Straight and Right Angle, Surface Mount



• 1 mm pitch connector system

- Stacked, Horizontal or Vertical Mating
- Low profile 5 mm mated height
- Surface mount retention clips reduce stress on surface mount leads
- Keyed design helps prevent mating misalignment
- Hard Tray and Vacuum pickup for automated assembly placement
- RoHS Compliant. See the Regulatory Information
- Appendix (RIA) in the "RoHS Compliance" section of www.3Mconnector.com for compliance information (RIA E1 and C1 apply)

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Physical

Insulation:

Material:Glass Filled LCPFlammability:UL 94V-0Color:WhiteMaterials:Copper AlloyContact:Copper AlloyRetention Clips:Copper AlloyUnderplating:120 μ" [3.0 μm] NickelWiping Area:2 μ" [0.05 μm] min. GoldSolder Tails:Gold Flash over 120 μ" [3.0 μm] NickelMarking:Orientation Triangle

Electrical

Current Rating: $0.5 \, \text{A}$ Contact Resistance: $50 \, \text{m}\Omega \, \text{max}$ Insulation Resistance: $1 \times 10^3 \, \text{M}\Omega \, \text{min}$ at $500 \, V_{DC}$ Dielectric withstanding Voltage: $315 \, V_{AC} \, \text{for 1 minute}$

Environmental

Temperature Rating: -55°C to +85°C Process Rating: 260°C per J-STD-020C



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