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)

Date Modified: December 11, 2017

TS-1077-F Sheet 1 of 4

Physical

Insulation:

Material: Glass Filled LCP Flammability: UL 94V-0 Color: White Materials: Contact: Copper Alloy Retention Clips: Copper Alloy **Contact Plating:** Underplating: 120 µ" [3.0 µm] Nickel Wiping Area: 2μ " [0.05 µm] min. Gold Solder Tails: Gold Flash **Retention Clip Plating:** Gold Flash over 120 µ" [3.0 µm] Nickel Marking: Orientation Triangle

Electrical

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

Environmental

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

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Regulatory: For regulatory information about this product, contact your 3M representative.

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