## 3M<sup>™</sup> Pak 50 Low Profile Plug

### .050" Surfacemount Plug .276" and .315" Mating Heights



- Low profile 0.276" 0.315" (7 8 mm) addresses surfacemount board stacking applications
- High temperature insulator compatible with IR and wave soldering
- Solder brackets increase connector stability to protect contact solder joint integrity
- · Polarized alignment posts insure correct mating
- 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: February 4, 2010

TS-2056-B Sheet 1 of 2

## **Physical**

### **Insulator:**

Material:Glass Filled NylonFlammability:UL 94V-0Color:BrownContact Material:Phosphor BronzePlating:Underplating:Underplating:NickelWiping Area:Gold FlashSolder Tails:Gold FlashRetaining Clips:Tin-CopperMating Compatibility:TS-2055

## **Electrical**

Current Rating: 0.5 A

**Insulation Resistance:**  $> 1 \times 10^9 \Omega$  at 500 V<sub>DC</sub>

Withstanding Voltage: 650 V<sub>AC</sub> for 1 minute

### Environmental

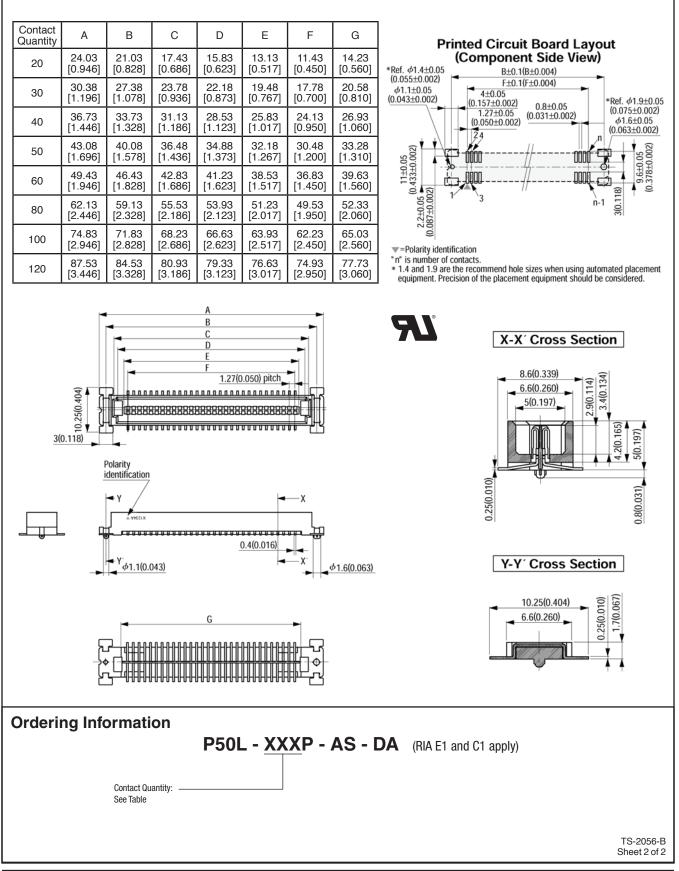
Temperature Rating: -55°C to +85°C Process Rating: 260°C MSL1 (per J-STD-020C)

UL File No.: E68080

**3M** Electronic Solutions Division Interconnect Solutions http://www.3Mconnector.com

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