# $3M^{\text{TM}}$ Pak 50 Low Profile Plug

.050" Vertical Stacking with and without Flanges

<ul> <li>Low profile offers mating heights between 0.276" - 0.472" (7-12 mm) for board stacking applications</li> <li>High temperature insulator compatible with IR and wave soldering</li> <li>Guide posts for easy mating/unmating</li> <li>Retention clips stabilize connector to the board during wave soldering</li> <li>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)</li> </ul>
Date Modified: August 4, 2010 TS-2053- Sheet 1 of

## Physical

### Insulator:

Material:Glass Filled PPSFlammability:UL 94V-0Color:BlackContact Material:Phosphor BronzePlating:VickelUnderplating:NickelWiping Area:Gold FlashSolder Tails:Gold FlashRetaining Clips:Tin-CopperMating Compatibility:TS-1146, TS-2054

## **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**

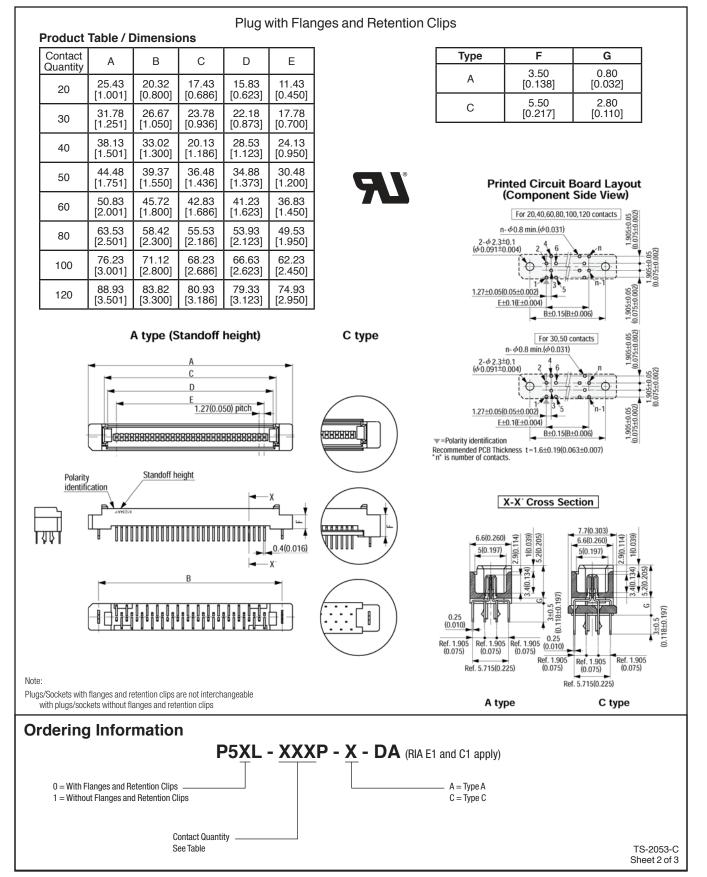
Temperature Rating: -55°C to +85°C Process Rating: 260°C MSL1 (per J-STD-020C)

UL File No.: E68080

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## P50L Series

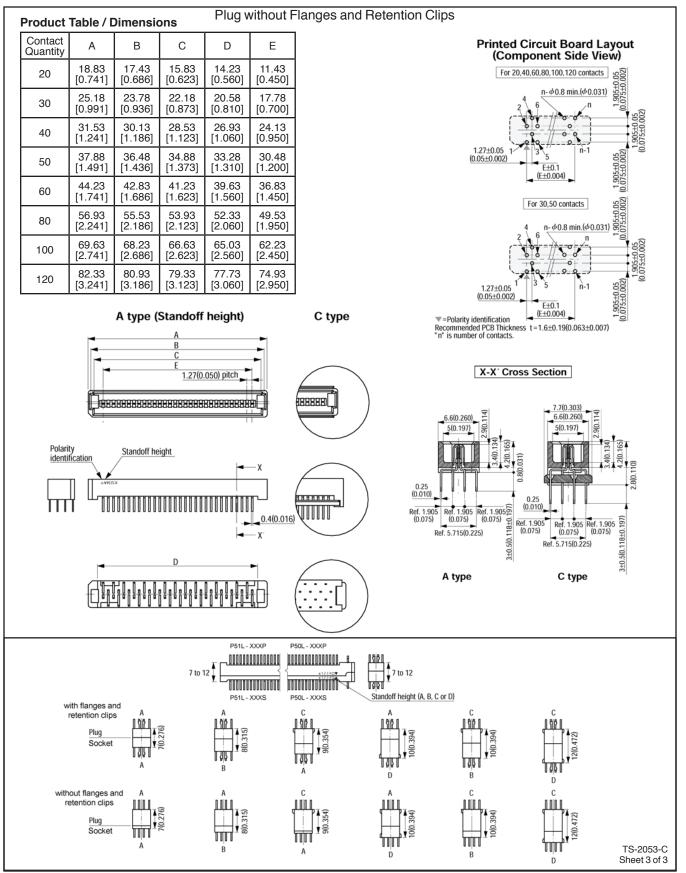


### ЗМ

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