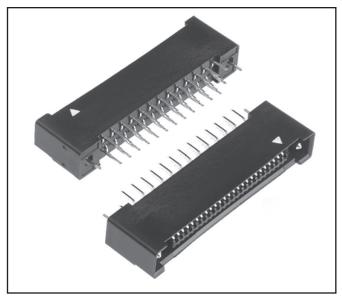
$3M^{TM}$ Pak 50 Plug

.050" Straight and Right Angle Plug, with Power Ground Pin



- Power/ground contacts enable separation of power and signals
- EMLB power/ground contacts control static discharge and allow "hot board" replacement
- 2 amp power/ground contact rating for high current applications maximizes signal contact utilization
- 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 18, 2010

TS-2051-C Sheet 1 of 3

P50 Series

Physical

Insulator:

Material:Glass Filled NylonFlammability:UL 94V-0Color:BlackContact Material:Phosphor BronzePlating:VickelUnderplating:NickelWiping Area:10 μ" [.25 μm] GoldSolder Tails:Gold FlashRetainer Clips:Tin-CopperMating Compatibility:TS-2052

Electrical

Current Rating: 0.5 A per Signal Contact, 2 A per Power Contact

Insulation Resistance: > $1 \times 10^9 \Omega$ at 500 V_{DC}

Withstanding Voltage: 650 V_{AC} for 1 minute

Environmental

Temperature Rating: -55°C to +85°C

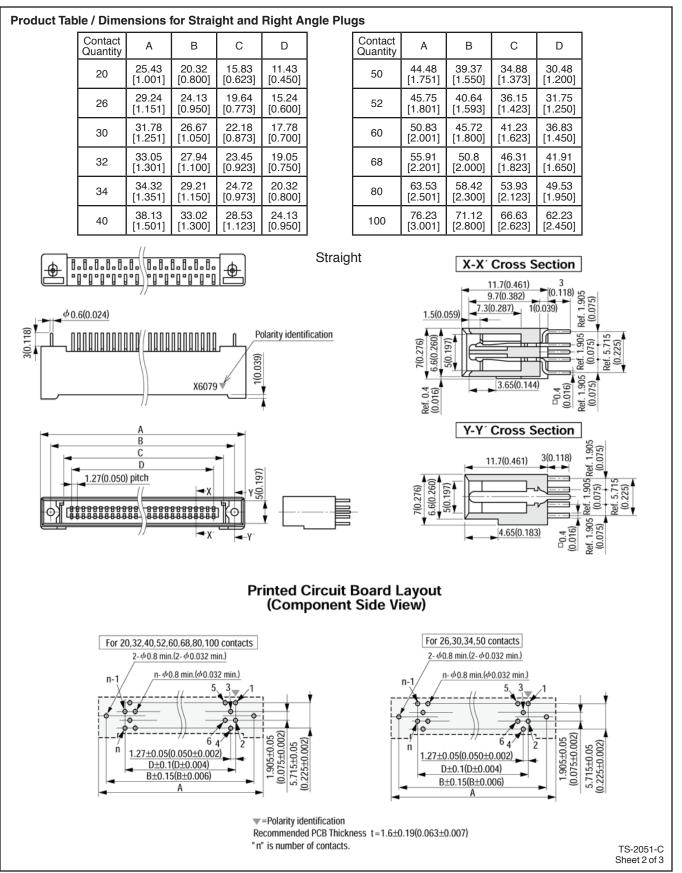
Process Rating: 260°C Wave Solder Compatible

UL File No.: E68080

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

3M[™] Pak 50 Plug

.050" Straight and Right Angle Plug, with Power Ground Pin



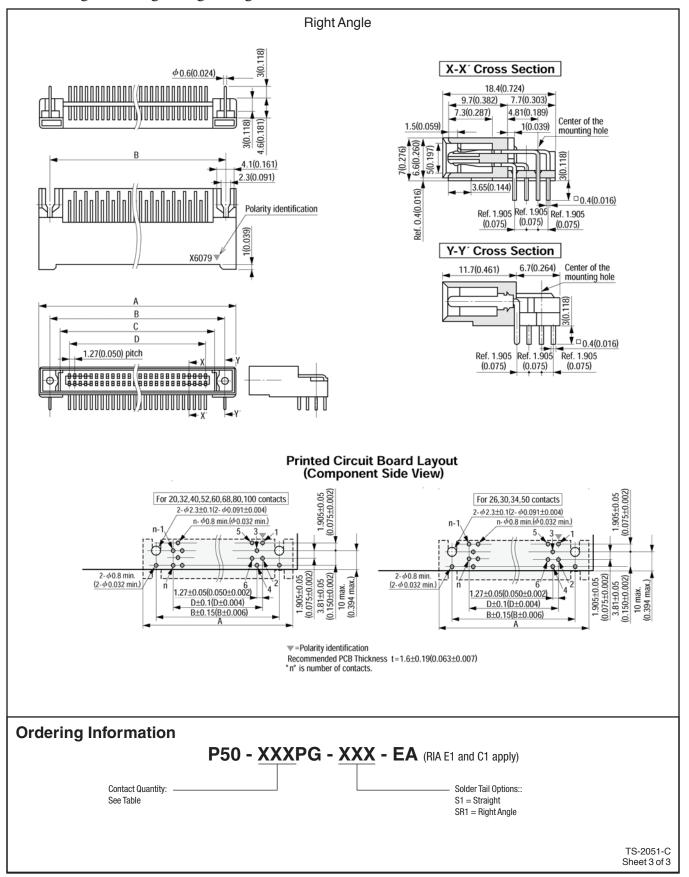
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ЗМ

P50 Series

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3MTM Pak 50 Plug .050" Straight and Right Angle Plug, with Power Ground Pin



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