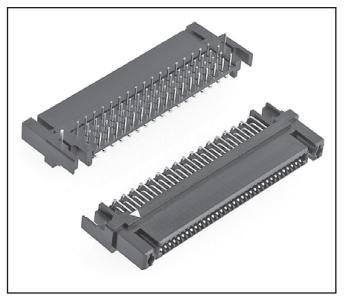
# 3M<sup>™</sup> Pak 50 Power Ground Socket

.050" Straight and Right Angle Socket, 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-2052-C Sheet 1 of 3

## 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-2051

## **Electrical**

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

**Insulation Resistance:** >  $1 \times 10^9 \Omega$  min. 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 Wave Solder Compatible

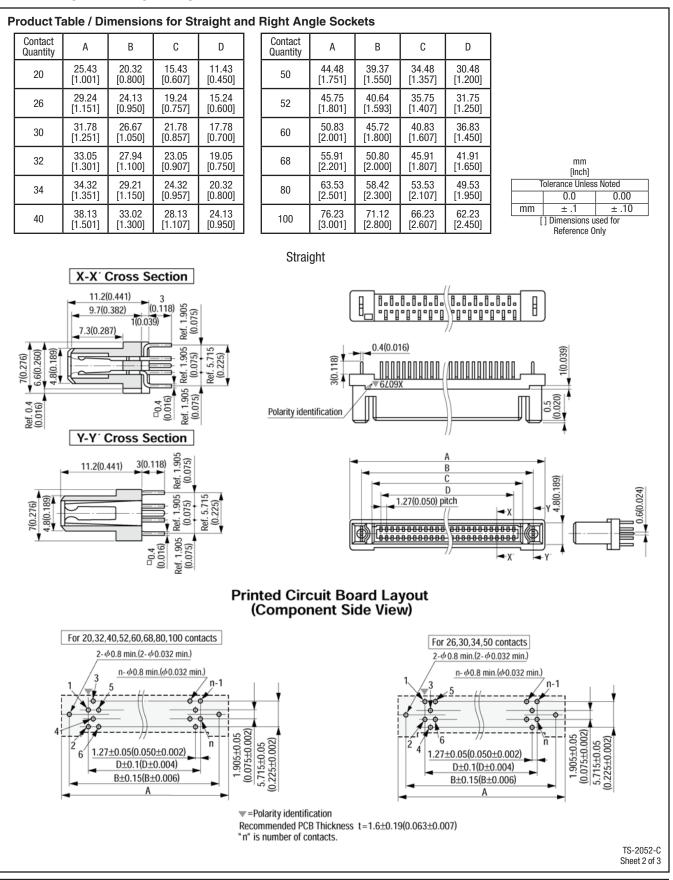
UL File No.: E68080

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# $3M^{TM}$ Pak 50 Power Ground Socket

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

P50 Series



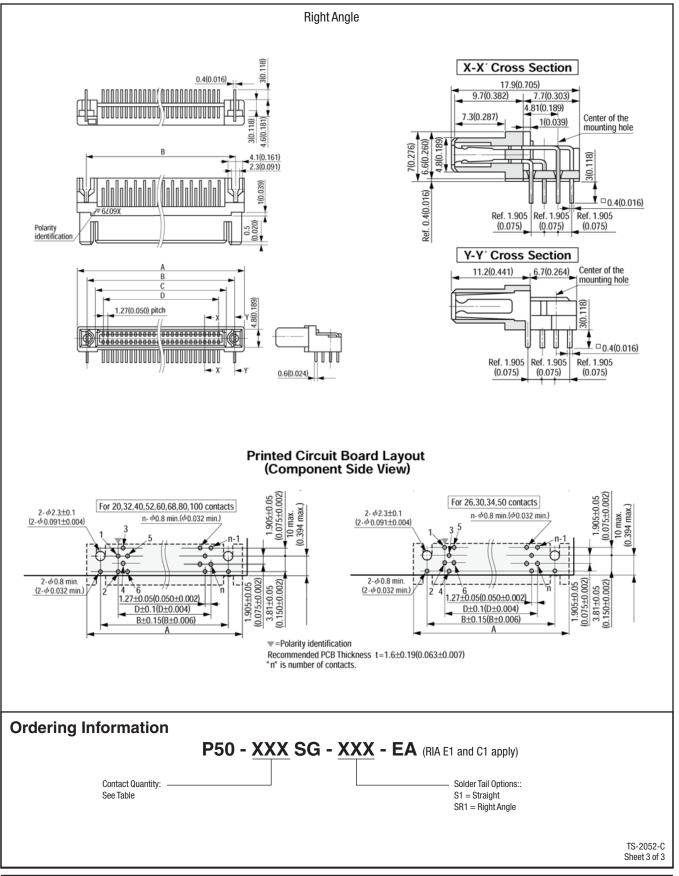
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