3M[™] Through-Board Socket

2 mm x 2 mm Straight, Dual Entry, Surface Mount



- Optimizes use of PC board space
- High temperature dielectric
- "No lead" reflow solder compatible
- Dual row design, 6-60 pins
- Minimized PC Board stacking heights
- Mates with pin headers for board stacking applications
- RoHS Compliant. See the Regulatory Information Appendix (RIA) in the RoHS compliance section of www.3Mconnectors.com for compliance information (RIA E1 & C1 apply)

Date Modified: November 26, 2012

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Physical

Insulation

Material:	High Temperature Thermoplastic
Flammability:	UL 94V-0
Color:	Black
Contact	
Material:	Copper Alloy
Plating	
Underplating:	1.25–2.5 μm [50-100 μ"] Nickel
Wiping Area:	Flash Gold
Solder Tail Area:	1–3 μm [40–118 μ"] Matte Tin

Electrical

Current Rating:	1 A
Insulation Resistance:	$> 5 \text{ x } 10^8 \text{ Ohm at } 100 \text{ V}_{\text{DC}}$
Withstanding Voltage:	1000 V _{DC}
Transition Resistance:	$\leq 20 \text{ mOhm}$

Environmental

Temperature Range:-40 °C to +105 °CProcessing Temperature:max. 260 °C (Profile per J-STD-020C)Moisture Sensitivity Level:1 (per J-STD-020C)

UL File No.: E68080

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