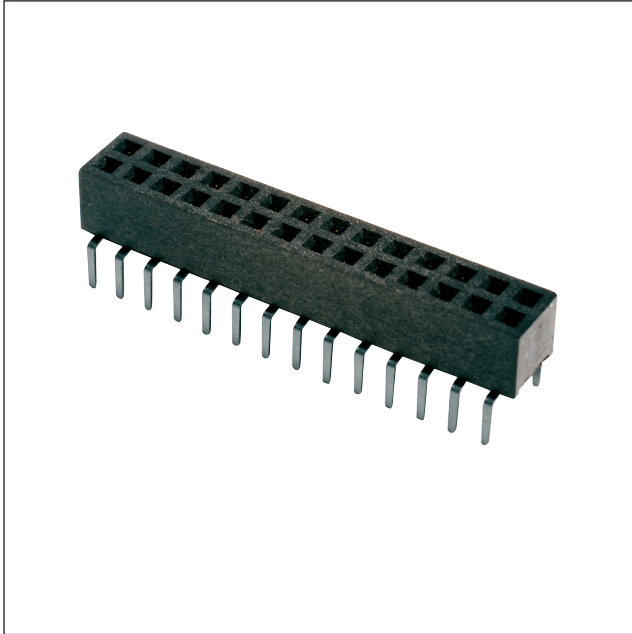


3M™ Through-Board Socket

2 mm x 2 mm Straight, Dual Entry, Solder Tail

953 Series



- Optimizes use of PC board space
- High temperature dielectric
- “No lead” wave and reflow solder compatible
- Dual row design, 4–80 pins
- Minimized PC Board stacking heights
- Mates with pin-strip header products
- 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 27, 2012

TS-2162-D
Sheet 1 of 2

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: $> 5 \times 10^8$ Ohm at 100 V_{DC}

Withstanding Voltage: 1000 V_{DC}

Transition Resistance: ≤ 20 mOhm

Environmental

Temperature Range: -40 °C to +105 °C

Processing Temperature: max. 260 °C (Profile per J-STD-020C)

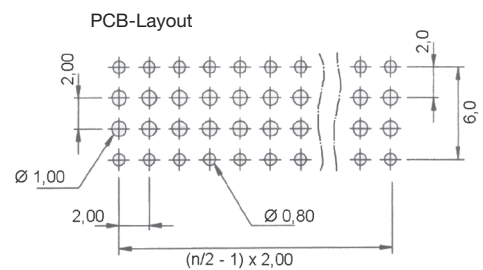
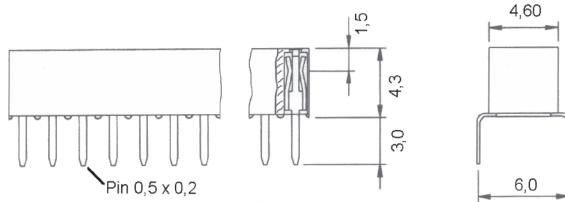
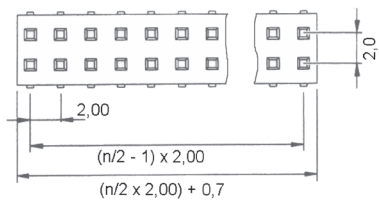
Moisture Sensitivity Level: 1 (per J-STD-020C)

UL File No.: E68080

3M™ Through-Board Socket

2 mm x 2 mm Straight, Dual Entry, Solder Tail

953 Series



n = No. of Contacts

Tolerance Unless Noted [mm]				
Nominal Size	0.5-3	3-6	6-30	30-120
Linear Dim	+/- 0.1	+/- 0.1	+/- 0.2	+/- 0.3
Radii	+/- 0.2	+/- 0.5	+/- 1	+/- 1

Ordering Information

9534XX — 6602 — AR (RIA E1 & C1 Apply)

Contact Quantity: 04-80 Pins

Tail Style: Thru Hole

Tail Spacing: 6 = 6 mm

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Sheet 2 of 2

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