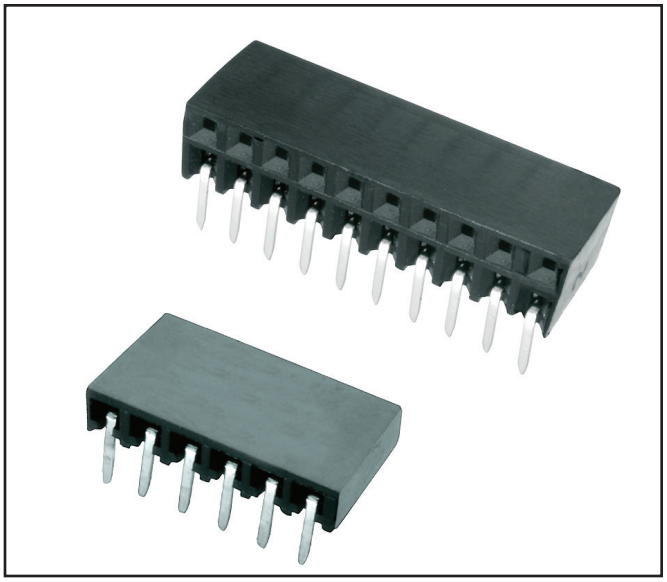
3M™ Boardmount Socket

2.54 mm and 2.54 mm x 2.54 mm, Side Entry, Solder Tail 960 Series



- High temperature dielectric
- “No lead” wave and reflflow solder compatible
- Single- and dual row design, 4–36 pins or 8–72 pins
- Mates with pin-strip header products
- 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: September 23, 2010

TS-2188-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:	0.25 µm [10 µ"] Gold
Solder Tail Area:	1–3 µm [40–118 µ"] Matte Tin

Electrical

Current Rating:	2 A
Insulation Resistance:	>5 x 10^8 Ohm at 100 V_{DC}
Withstanding Voltage:	1,000 V_{DC}

Environmental

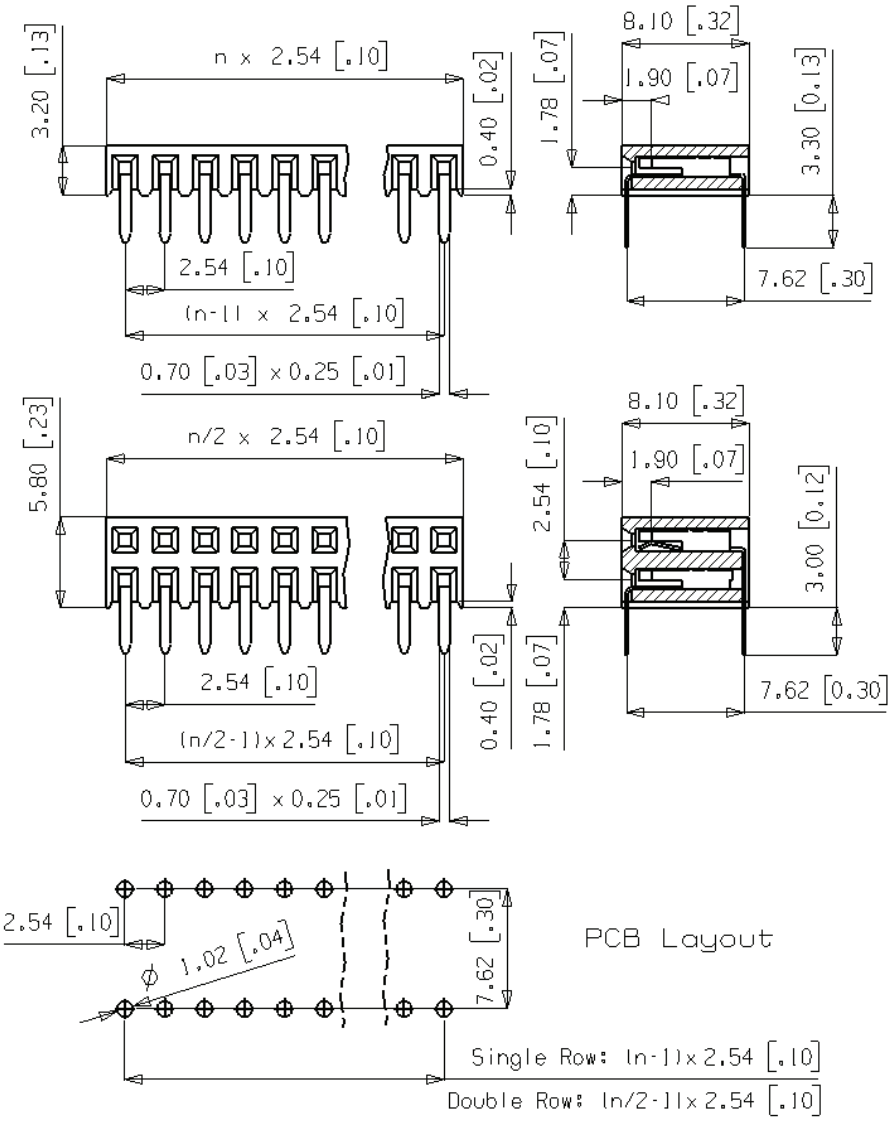
Temperature Range:	-25ºC to +105ºC
Processing Temperature:	max. 260 °C (Profile per J-STD-020C)
Moisture Sensitivity Level:	1 (per J-STD-020C)

UL File No.: E68080

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3M™ Boardmount Socket

2.54 mm and 2.54 mm x 2.54 mm, Side Entry, Solder Tail — 960 Series



n = No. of Contacts

Tolerance Unless Noted				
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

960XXX - 7102 - AR

Rows:
1 = 1 Row
2 = 2 Row

Contact Quantity:
04–36 Pins / 1 Row
08–72 Pins / 2 Row

Plating:
AR = Selective Au 0.25 µm [10 µ"] / Sn
Ref Appendix E1 & C1

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

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