Distributor of 3M: Excellent Integrated System Limited
Datasheet of 960104-8100-AR-TP - Connector Receptacle 4 Position 0.100" (2.54mm) Gold Surface Mount, Right Angle

Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

3M
960104-8100-AR-TP

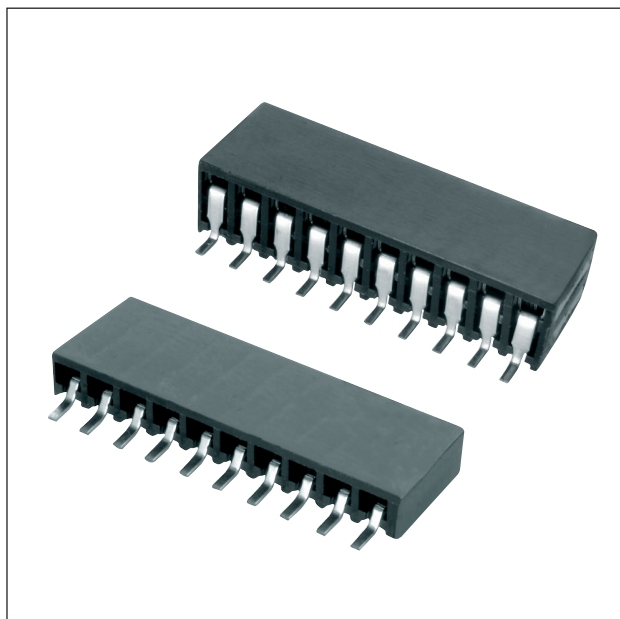For any questions, you can email us directly:
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3M™ Boardmount Socket

2.54 mm and 2.54 mm x 2.54 mm, Side Entry, Surface Mount   960 Series

- High temperature dielectric
- "No lead" reflow solder compatible
- Single- and dual row design, 4–30 pins or 8–60 pins
- 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 19, 2012

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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: 2 A
Insulation Resistance: > 5 x 10^8 Ohm at 100 V_{DC}
Withstanding Voltage: 1000 V_{DC}

Environmental

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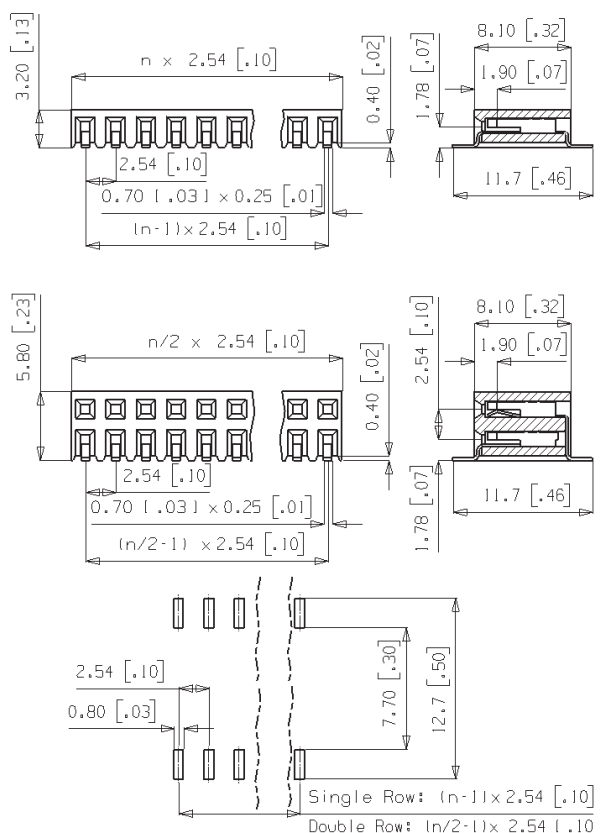Processing Temperature: max. 260 °C (Profile per J-STD-020C)
Moisture Sensitivity Level: 1 (per J-STD-020C)

UL File No.: E68080

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2.54 mm and 2.54 mm x 2.54 mm, Side Entry, Surface Mount

960 Series

PCB Layout

n = No. of Contacts

Tape & Reel Option								
9601xx-8100 (1 Row)	Contact Quantity	4–6	7–8	9–13	14–17	18–22	23–29	30
9602xx-8100 (2 Row)		8–12	14–16	18–26	28–34	36–44	46–58	60
Tape Width [mm]		24	32	44	56	72	88	104

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

960XXX — **8100** — **AR** — **XX** (RIA E1 & C1 Apply)

Rows:
1 = 1 Row
2 = 2 Row

Contact Quantity:
04–30 Pins / 1 Row
08–60 Pins / 2 Row

Packaging:
TP = Tube without Pad
TR = Tape & Reel

TS-2189-D
Sheet 2 of 2

3M
Interconnect Solutions
www.3Mconnectors.com

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For technical, sales or ordering information
call your Local 3M Service Center

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