3M[™] Boardmount Socket

.100" and .100" \times .100" Straight, Solder Tails

929 Series

- 1-40 contacts on single row, 2-80 contacts on two row
- Tuning fork contact design
- Solder standoffs facilitate production wave soldering
- Optional board retention feature
- See the Regulatory Information Appendix (RIA) in the RoHS compliance section of www.3mconnectors. com for compliance information (RIA E1 & C1 apply)



Date Modified: June 27, 2013

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Physical

Insulator:

Material: Glass Filled Polyester (PCT)

Flammability: UL 94V-0

Color: Black

Contact Material: Copper Alloy

Plating:

Underplating: 100μ " [$2.54 \mu m$] Nickel

Wiping Area: See ordering information options for thickness Solder Tails: Tin Lead or Matte Tin (See ordering information)

Marking: None

Electrical

Current Rating: 2 amps maximum all lines energized at 65°C maximum ambient

Insulation Resistance: $> 5 \times 10^{9} \Omega$ at 500 V_{DC} **Withstanding Voltage:** $1,500 \text{ V}_{RMS}$ at Sea Level

Environmental

Temperature Rating: -40°C to +105°C

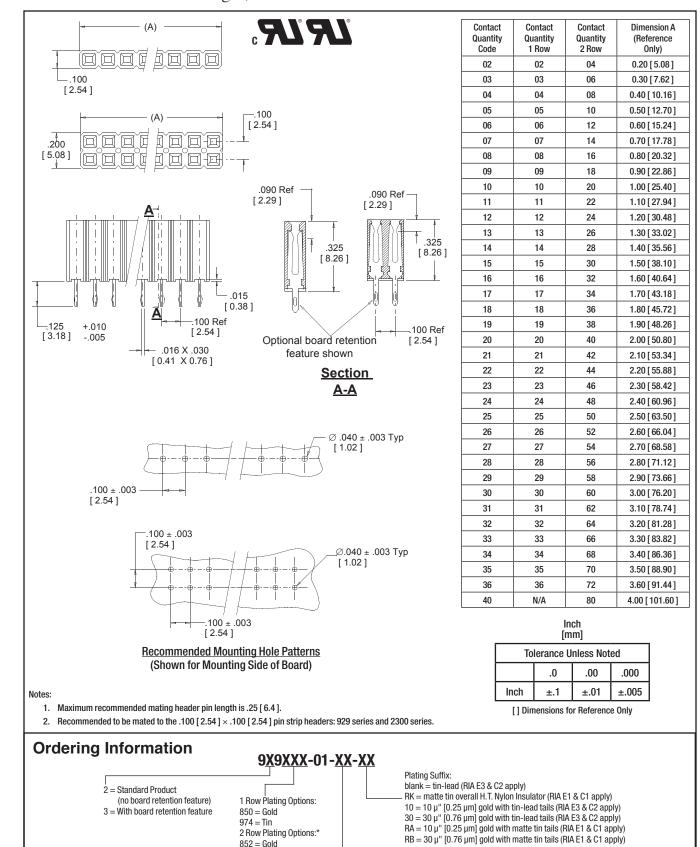
Process Rating: 260°C (per J-STD-020C)

(PBT Insulator version), Maximum molded insulator temperature 191°C

(Solder Wave Process Only)

UL File No.: E68080

.100" and .100" \times .100" Straight, Solder Tails



Contact Quantity Code:

(see table)

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975 = Tin

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