.100" × .100" High Temperature

N4600 Series



- Compliant gull wing leads make a reliable surface mount connection which is easily inspectable
- Optional ejector latches
- Shrouded to prevent physical and chemical pin damage
- High temperature plastic for vapor phase reflow process
- Slotted mounting flanges for securing header to board
- · Raised body for easy inspection and repair
- Leads are protected within the body shadow
- RoHS Compliant. See the Regulatory Information Appendix (RIA) in the "RoHS Compliance" section of www.3Mconnectors.com for compliance information.

Date Modified: May 8, 2013

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Physical

Insulator

Material: Glass Filled Polyester (PC)

Flammability: UL 94V-0

Color: Black

Contact:

Material: Copper Alloy

Plating

Underplating: 100 μ" [2.34 μm] Nickel

Wiping Area: 30 μ" [0.76 μm] Gold

Solder Tails: 200 μ" [5.08 μm 160/40 Tin Lead or 300 μ" Matte Tin (See Ordering Information)

Marking: 3M Logo, Part Identification Number and Orientation Triangle

Electrical

Current Rating: 4.75 A, 1 Line Powered

2.25 A, 6 Adjacent Lines Powered

1.25 A, All Lines Powered

Rating Conditions: EIA-364-070 Method 2, 30°C maximum temperature rise,

20% derated.

Reference appropriate 3M Product Specification for detailed current derating curves.

Insulation Resistance: $>1 \times 10^9 \, \mathrm{W}$ at $500 \, \mathrm{V}_{\mathrm{DC}}$ Withstanding Voltage: $1,000 \, \mathrm{V}_{\mathrm{RMS}}$ at Sea Level

Environmental

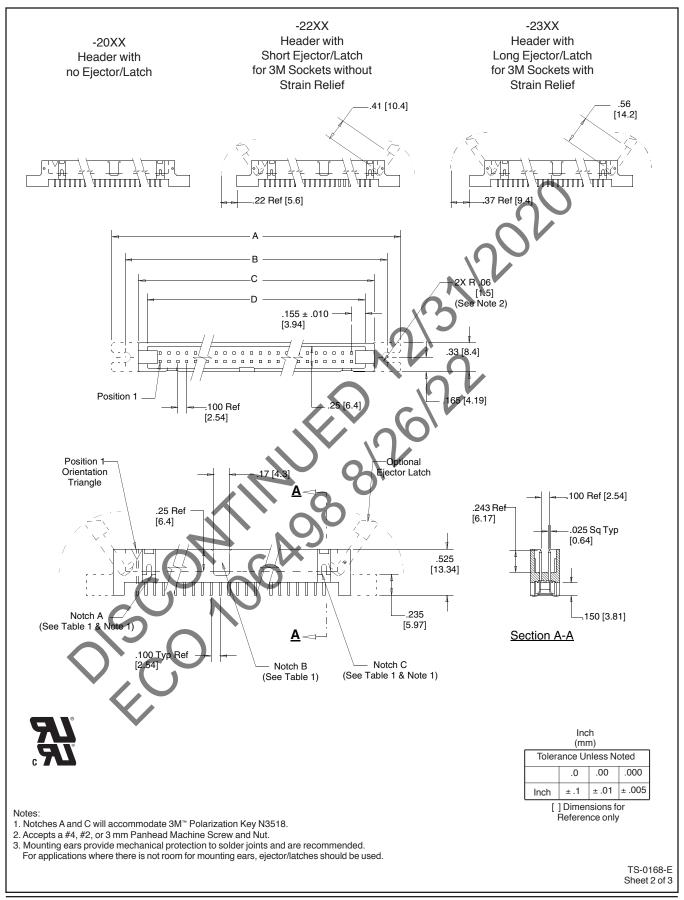
Temperature Rating: -55°C to +105°C

Process: 260°C (per J-STD-020C)

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

UL File No.: E68080

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