$.100'' \times .100''$ Low Profile Header

Straight & Right Angle, 4 Wall, High Temp Option

2500 Series



- Low profile, space saving design
- Socket compatibility for current design validation
- Center slot polarization prevents mis-insertions and reduces insertion time
- Dual slot polarization means broader compatibility with competitive polarization designs
- Optional retainer clamp for locking sockets in place and increasing connection reliability in vibration-prone environments
- Optional snap-in latches available
- Optional polarizing post available
- Exposed solder tails (on right angle version) provide ease of cleaning and reduced repair costs

Date Modified: April 23, 2001

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Physical

Insulation

Material: Glass Filled Polyester (PBT)

Glass Filled Polyester (PCT)(High Temp Option)

Flammability: UL 94V-0

Color: Gray

Beige (High Temp Option)

Marking: 3M Logo, and Orientation Triangle

Contact

Material: Copper Alloy

Plating

Underplate: $100 \,\mu''$ [$2.54 \,\mu m$] Nickel — QQ-N-290, Class 2

Wiping Area: Gold — MIL-G-45204, Type II, Grade C

Solder Tails: $200 \,\mu'' \,[\, 5.08 \,\mu m \,] \,60/40 \,Tin \,Lead \, -- \,MIL-P-81728$

Wrap Tails: Gold Flash (Normal Temp Only)

Electrical

Current Rating: 2 A

Insulation Resistance: >1 \times 10⁹ Ω at 500 Vdc **Withstanding Voltage:** 1000 Vrms at Sea Level

Environmental

Temperature Rating: −55°C to +105°C

Processing: Maximum 235°C, with 90 seconds over 215°C (High Temp Option)

UL File No.: E68080



