## $.100'' \times .100''$ 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

TS-0770-08 Sheet 1 of 3

Date Modified: October 24, 1999

## **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 μ" [ 2.54 μm ] Nickel — QQ-N-290, Class 2

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

Solder Tails: 200 μ" [ 5.08 μm ] 60/40 Tin Lead — MIL-P-81728

Wrap Tails: Gold Flash (Normal Temp Only)

## **Electrical**

**Current Rating:** 2 A

**Insulation Resistance:**  $>1 \times 10^9 \Omega$  at 500 Vdc **Withstanding Voltage:** 1000 Vrms at Sea Level

## **Environmental**

**Temperature Rating:**  $-55^{\circ}$ C to  $+105^{\circ}$ C

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

UL File No.: E68080



