# 3M<sup>™</sup> Four-Wall Header

### .100" x .100" Low Profile, SMT Straight, Straight and Rt Angle Through-Hole



- Low profile, space saving design
- Center slot polarization designed to prevent misinsertions and reduce insertion time
- Dual slot polarization means broader compatibility with competitive polarization designs (not 8 or 10 pos.)
- Optional retainer clip for locking sockets in place and increasing connection reliability in vibrationprone environments
- High temperature insulator suitable for "no lead" soldering operations
- High temperature insulator in through-hole version suitable for "paste in hole" reflow soldering
- Exposed solder tails (on right angle version) are designed to provide ease of cleaning and help reduce repair costs
- Straight surface mount version available
- See the Regulatory Information Appendix (RIA) in the "RoHS compliance" section of www.3Mconnector. com for compliance information (RIA E1 & C1 apply)

Date Modified: August 9, 2010

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### **Physical**

Insulator	
Material:	High Temp Glass Filled Polyester (PCT)
Flammability:	UL 94V-0
Color:	Black (PCT)
Contact Material:	Brass
Plating	
Underplating:	50 -100 μ" [ 1.25 μm ] Ni
Wiping Area:	10 μ" [ 0.25 μm ] Gold
Solder Tails:	40 - 120 μ" [ 1-3 μm ] Matte Tin
Marking:	3M Logo, Part Identification Number and Orientation Triangle

### Electrical

<b>Current Rating:</b>	2 A
Insulation Resistance:	${>}1 \ x \ 10^9  \Omega$ at 500 $V_{_{DC}}$
Withstanding Voltage:	1,000 $V_{RMS}$ at Sea Level

### Environmental

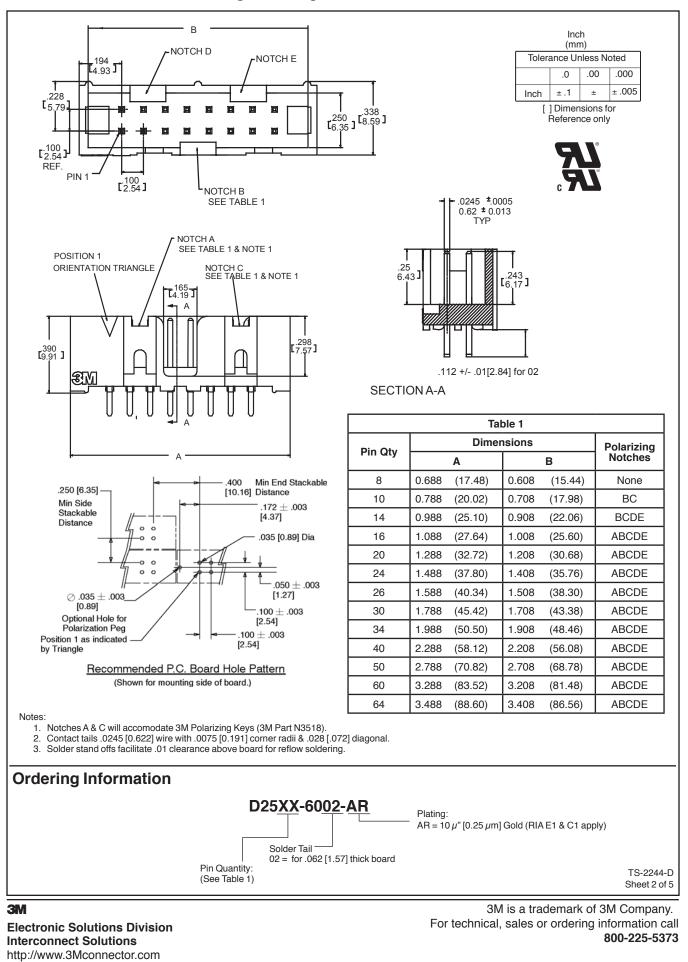
Temperature Rating:-55°C to +105°CProcess Rating:260°C single pass (profile per J-STD-020C)Moisture Sensitivity Level:1 (per J-STD-020C)

#### UL File No.: E68080

**3M** Electronic Solutions Division Interconnect Solutions http://www.3M.com/interconnects/

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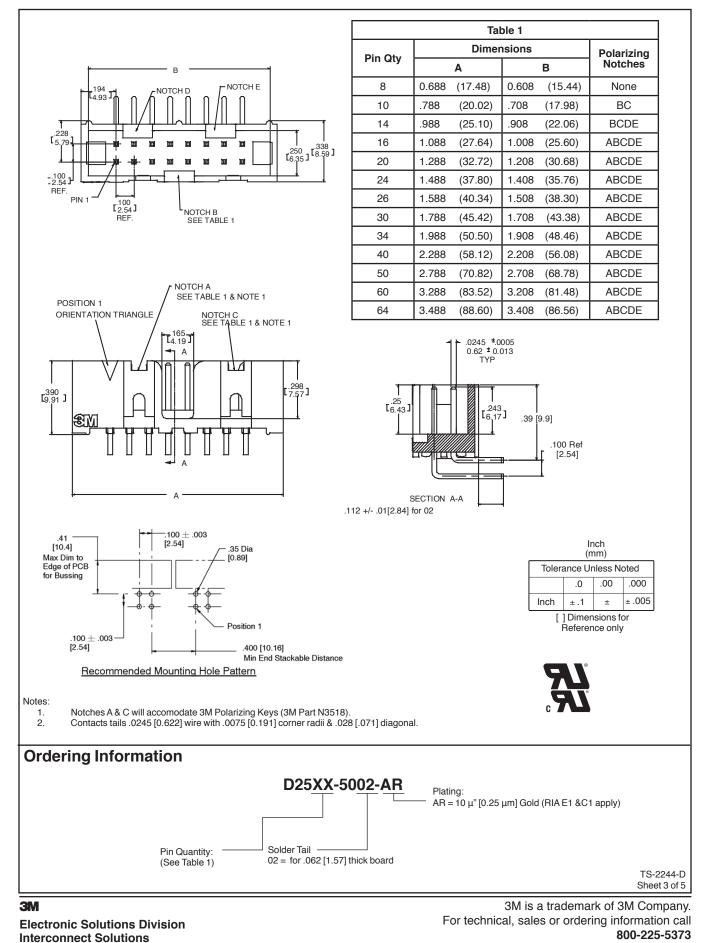
D2500 Series



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## 3M<sup>™</sup> Four-Wall Header .100" x .100" Low Profile, Right Angle Through-Hole

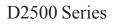
### D2500 Series

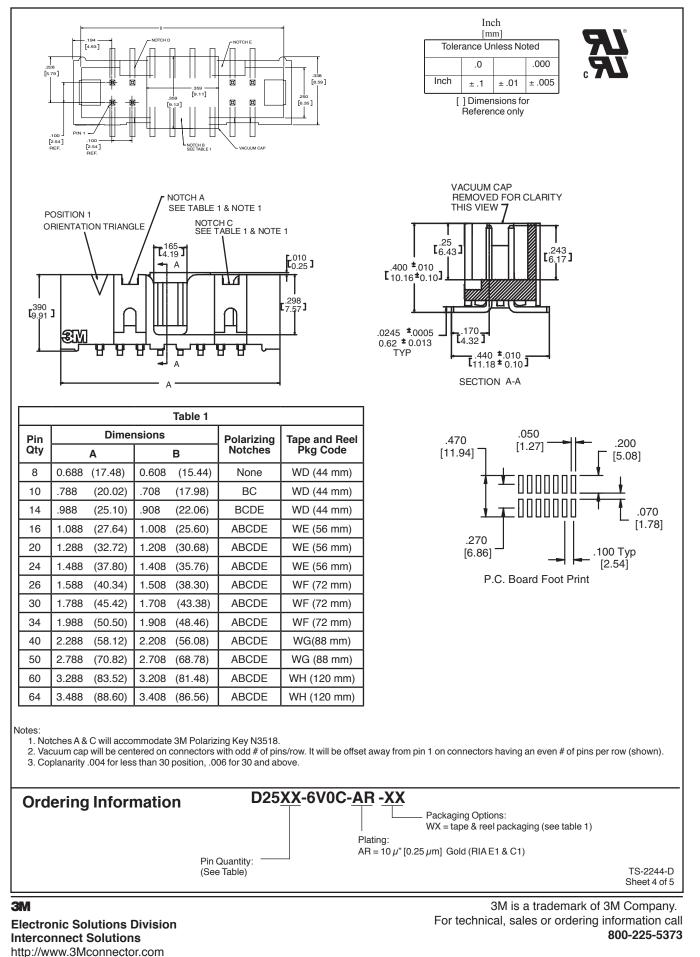


http://www.3M.com/interconnects/

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### 3M<sup>™</sup> Four-Wall Header .100" x .100" Low Profile, Surface Mount Straight

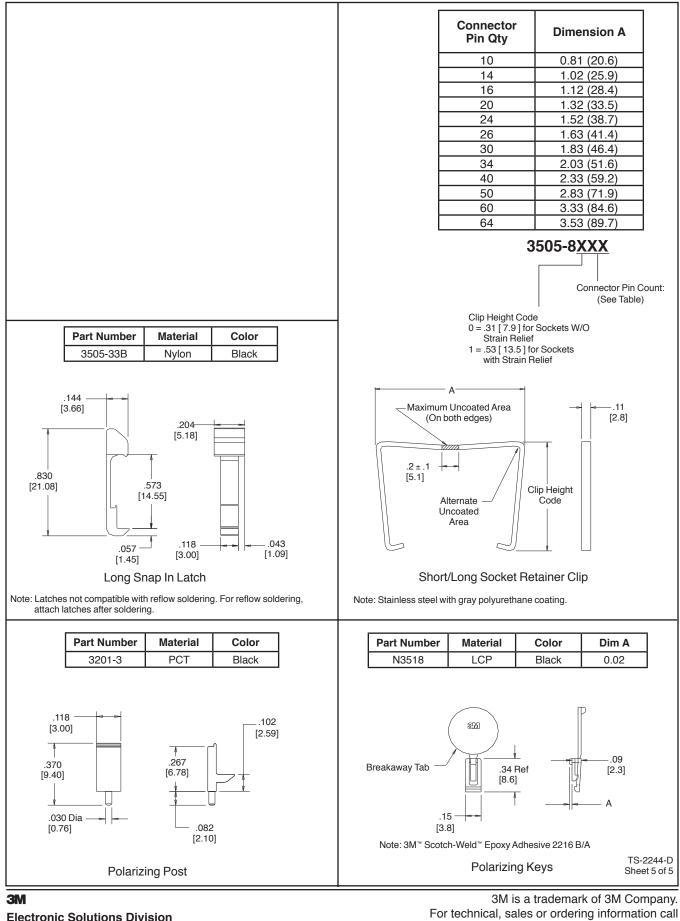




# 3M<sup>™</sup> Four-Wall Header

.100" x .100" Low Profile, Accessories

### 2500 Series



Interconnect Solutions http://www.3M.com/interconnects/ For technical, sales or ordering information call 800-225-5373

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