3M[™] 4-Wall Header .100" × .100" Low Profile, Straight and Right Angle



- Low profile, space saving design
- Center slot polarization prevents mis-insertions and reduces insertion time
- Dual slot polarization means broader compatibility with competitive polarization designs
- Optional retainer clip for locking sockets in place and increasing connection reliability in vibrationprone environments
- High temperature insulator suitable for "no lead" soldering operations
- Suitable for reflow soldering using "paste in hole" techniques
- Exposed solder tails (on right angle version) provide ease of cleaning and reduced repair costs
- RoHS* compliant

Date Modified: August 25, 2005

TS-0770-15 Sheet 1 of 4

Physical

Insulator	
Material:	Glass Filled Polyester (PCT)
Flammability:	UL 94V-0
Color:	Black
Contact	
Material:	Copper Alloy
Plating	
Underplating:	100 μ" [2.54 μm] Nickel - Overall
Wiping Area:	30 μ" [0.76 μm] Gold
Solder Tails:	200 μ" [5.08 μm] Matte Tin
Terminal Finish Indicator:	e3 (per JESD97)
Marking:	3M Logo, Part Identification Number and Orientation Triangle

Electrical

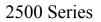
Current Rating:2 AInsulation Resistance: $>1 \times 10^9 \Omega$ at 500 VdcWithstanding Voltage:1000 Vrms at Sea Level

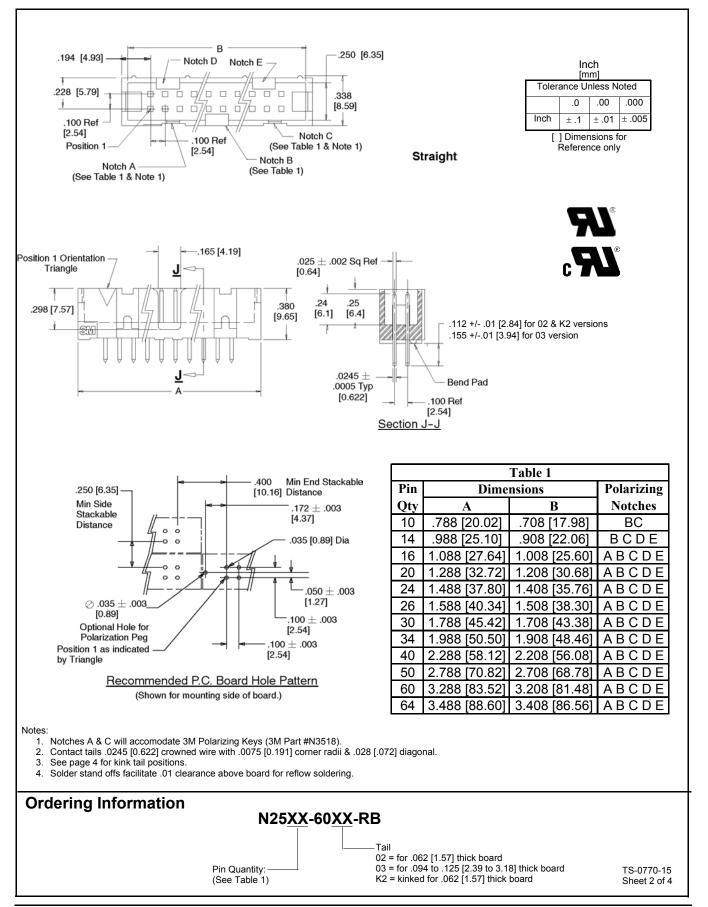
Environmental

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

*RoHS = Directive 2002/95/EC, Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment "RoHS compliant" means that the product or part does not contain any of the following substances in excess of the following maximum concentration values in any homogeneous material, unless the substance is in an application that is exempt under RoHS: (a) 0.1% (by weight) for lead, mercury, hexavalent chromium, polybrominated biphenyls or prolybromianted diphenyl ethers; or (b) 0.01% (by weight) for cadmium. Unless otherwise stated by 3M in writing, this information represents 3M's knowledge and belief based upon information provided by third party suppliers to 3M.

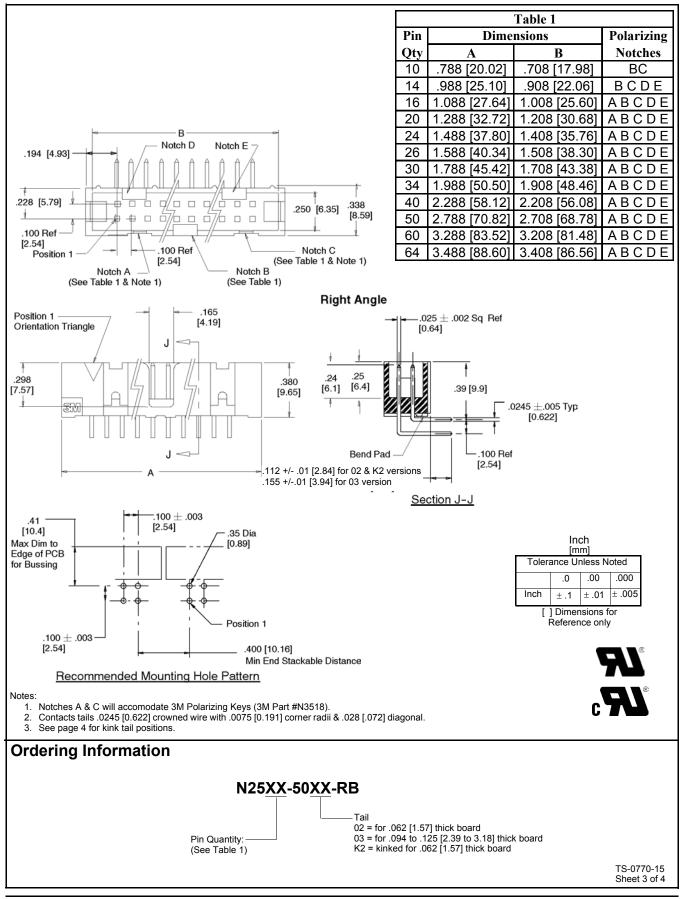
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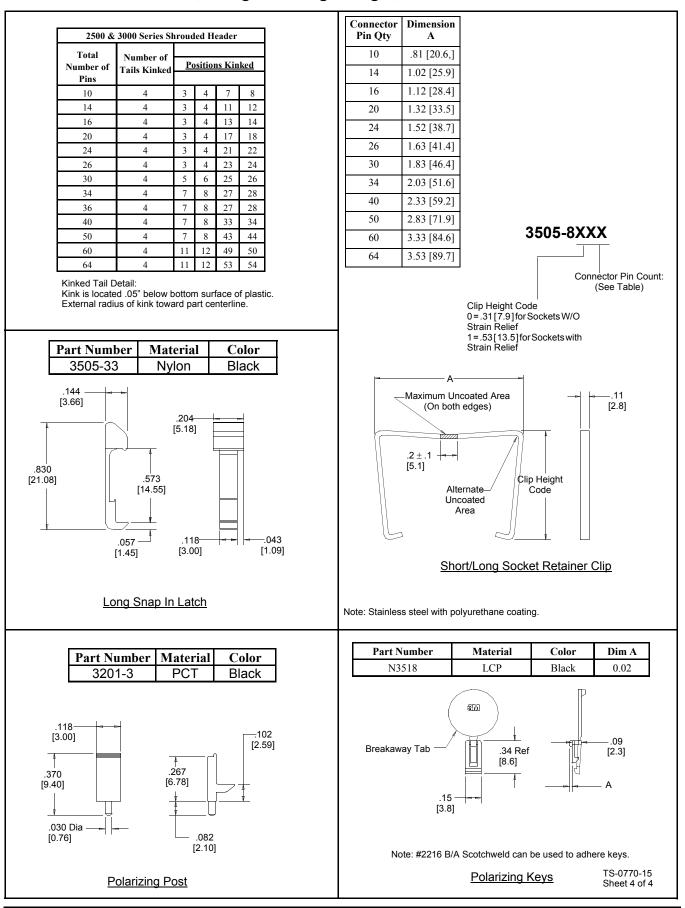
3M[™] 4-Wall Header .100" × .100" Low Profile, Straight and Right Angle

2500 Series



3M[™] 4-Wall Header .100" × .100" Low Profile, Straight and Right Angle, Accessories

2500 Series



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Electronics

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Minimum 10% Post-Consumer Fiber

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