3M[™] 4-Wall, Tripolarized Header

.050" × .100" Latch/Ejector, PTH & SMT Straight, PTH Right Angle

810 Series



Physical

Insulation:

Material:	High Temperature Plastic (LCP)
Flammability:	UL 94V-0
Color:	Black (RB Plating only) or Natural
Contact:	
Material:	Copper Alloy
Plating:	
Underplating:	100 μ" [2.54 mm] Nickel
Wiping Area:	30 µ" [0.76 mm] Gold
Solder Tails:	Matte Tin or Tin Lead (See Ordering Information)
Marking:	3M Logo, Part Number and Orientation Triangle
fating Compatibility:	820 Series (TS-0254)

Electrical

Μ

Current Rating:	3.00 A, 1 Contact Powered 2.00 A, 4 Contacts Powered 0.75 A, All Contacts powered
	Rating Conditions: EIA-364-070 Method 2, 30 degrees C maximum temperature rise, 20% derated. Reference appropriate 3M Product Specification for detailed current derating curves.
Insulation Resistance:	$> 1 \times 10^9 \Omega$ at 500 V _{DC}
Withstanding Voltage:	$500 V_{RMS}$ at Sea Level

Environmental

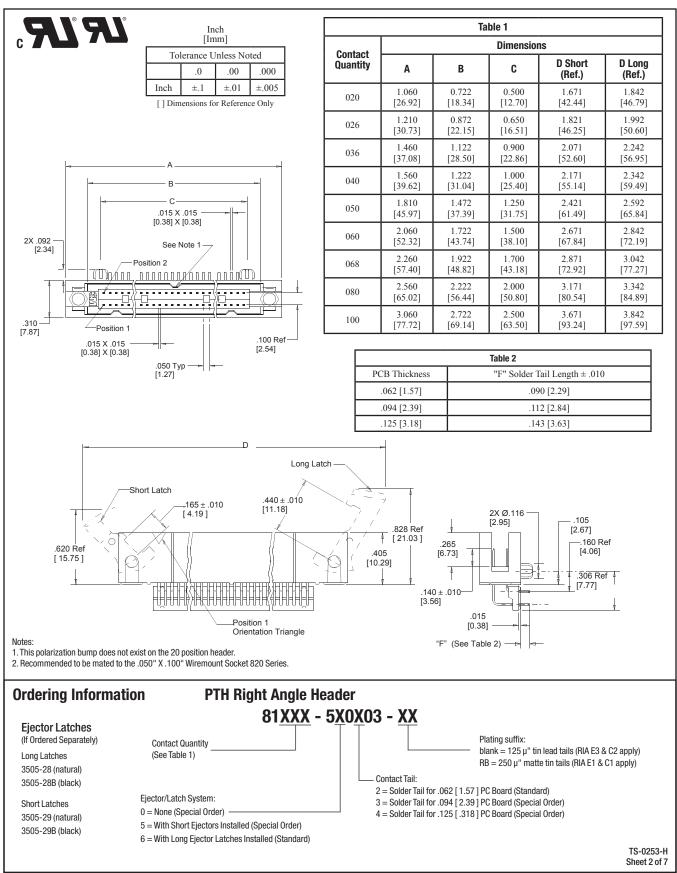
Temperature Rating:-55°C to +105°CProcess Rating:Maximum 260°C (Profile per J-STD-020C)Moisture Sensitivity Level:1 (per J-STD-020C)

UL File No.: E68080

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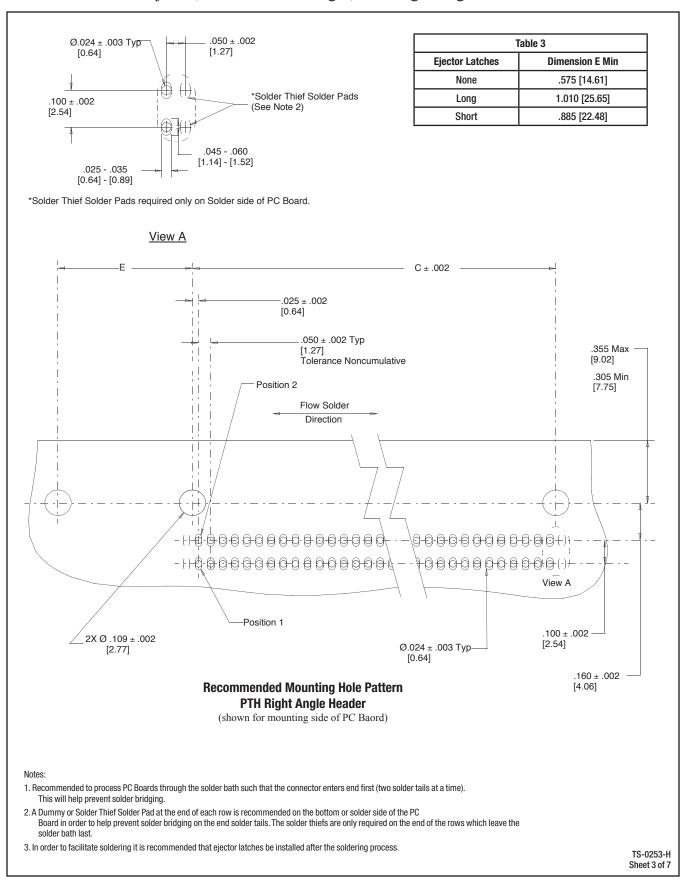


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Electronic Solutions Division Interconnect Solutions http://www.3Mconnectors.com

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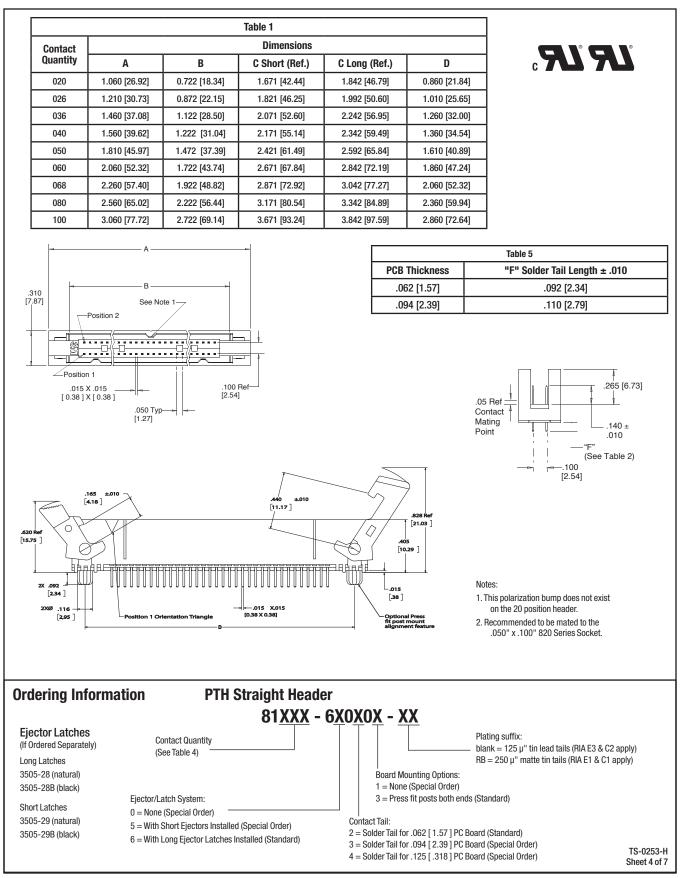
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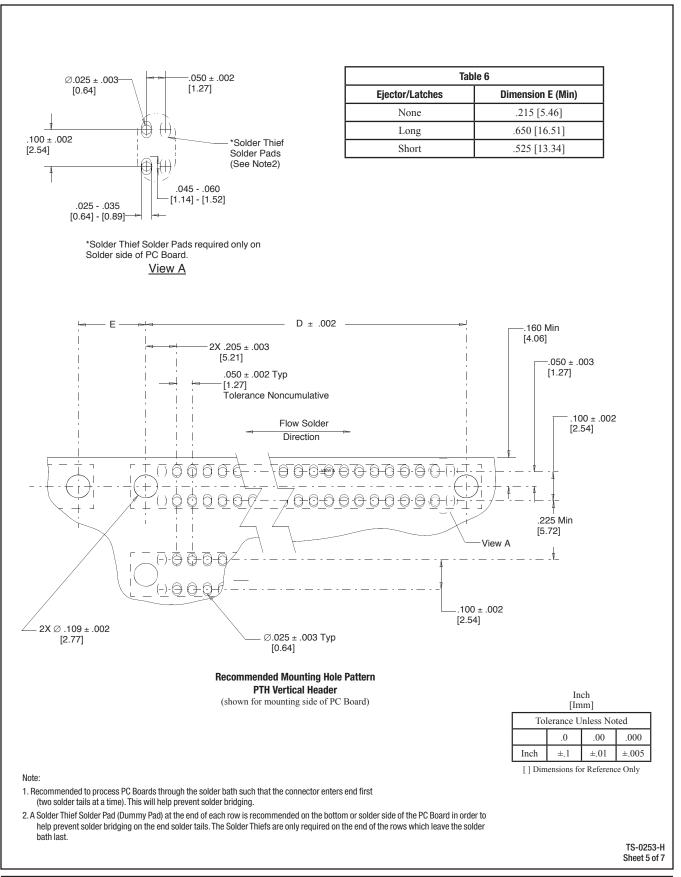
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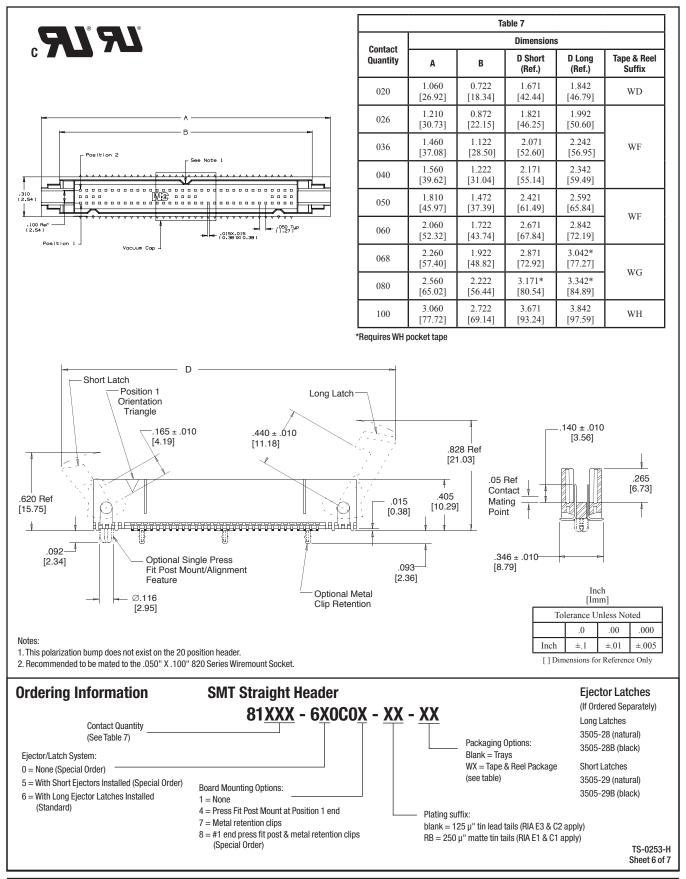
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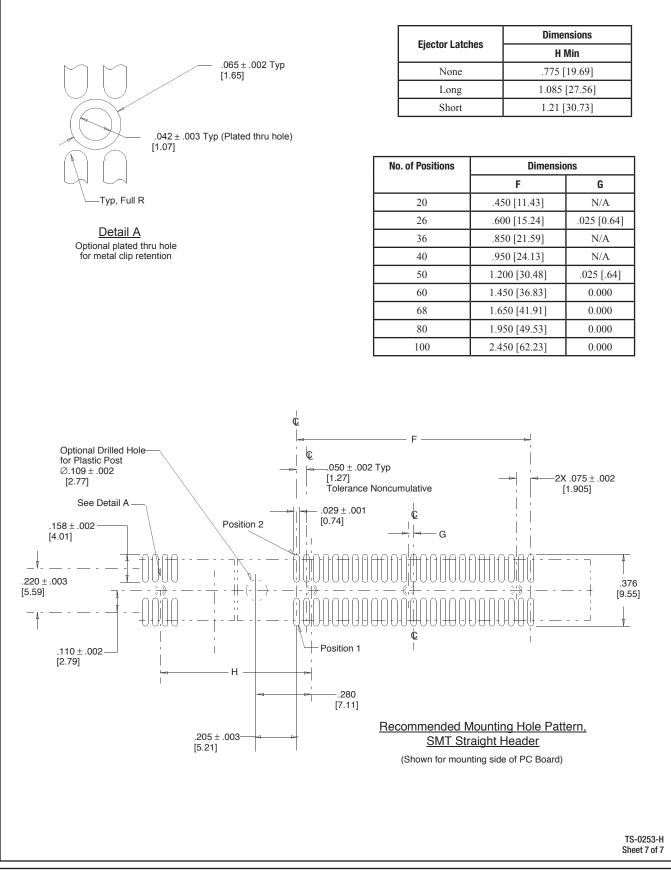


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