

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

<u>3M</u> <u>81050-600201</u>

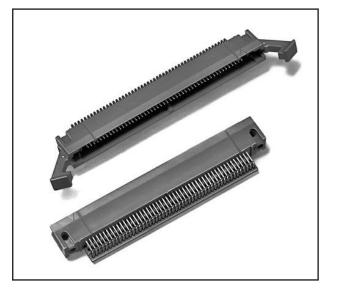
For any questions, you can email us directly: <u>sales@integrated-circuit.com</u>



3M[™] 4-Wall, Tripolarized Header

 $.050" \times .100"$ Latch/Ejector, PTH & SMT Straight, PTH Right Angle





- Tripolarized for robust alignment when mating to 820 series socket
- 50 mil × 100 mil halves the connector length vs. traditional 100 mil x 100 mil products
- Latching Ejector for rugged high performance applications
- Available for through hole or surfacemount attachment
- High temperature plastic for lead free surfacemount or Paste-in-Hole soldering methods
- Four-wall shroud provides contact protection
- Contacts: 20, 26, 36, 40, 50, 60, 68, 80 and 100
- See the Regulatory Information Appendix (RIA) in the "RoHS compliance" section of www.3Mconnectors.com for compliance information

Date Modified: April 2, 2013

TS-0253-K Sheet 1 of 7

Physical

Insulation:	
Material:	High Temperature Plastic (LCP)
Flammability:	UL 94V-0
Color:	Black
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
Mating Compatibility:	820 Series (TS-0254)

Electrical

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:	
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)

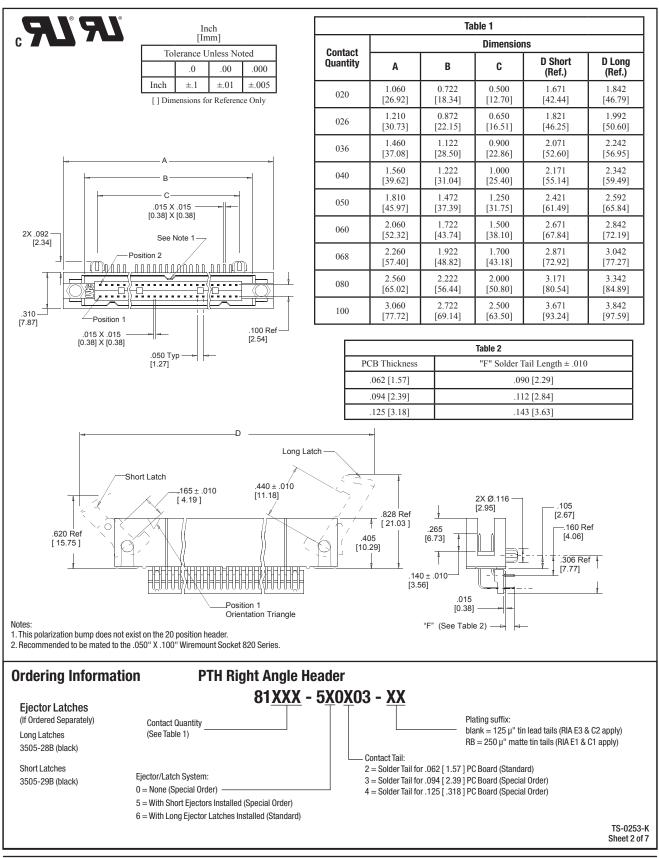
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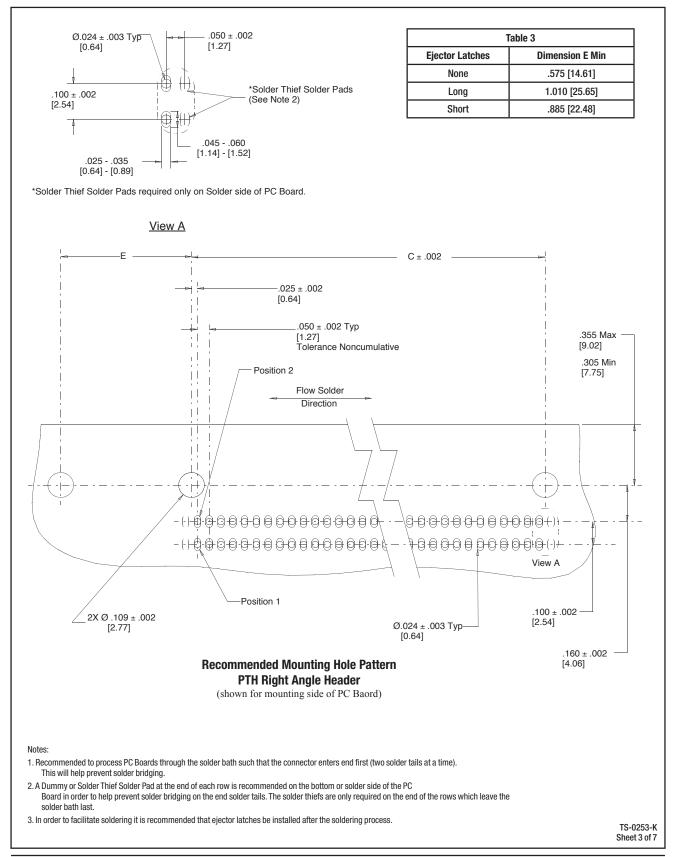
3M Electronic Solutions Division Interconnect Solutions http://www.3Mconnectors.com



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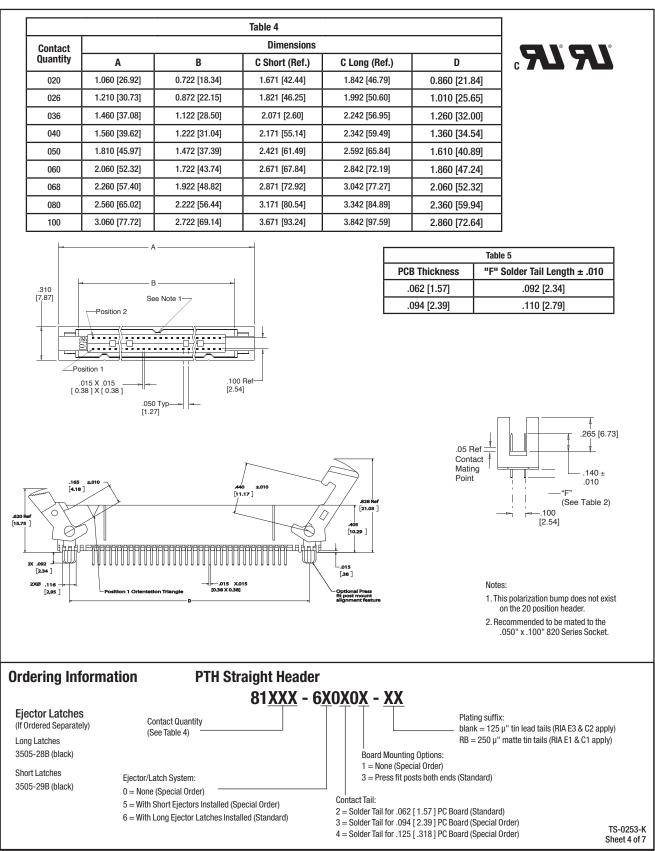
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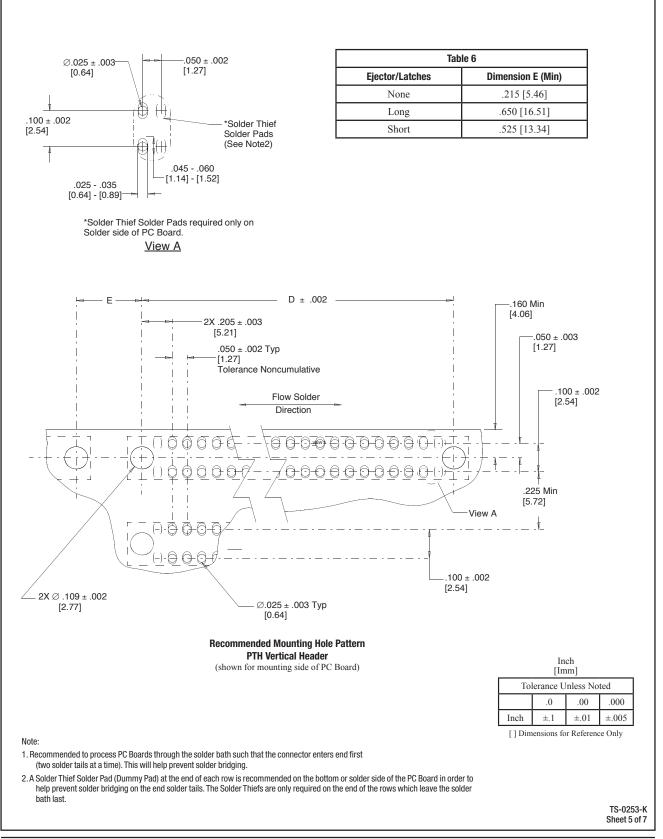
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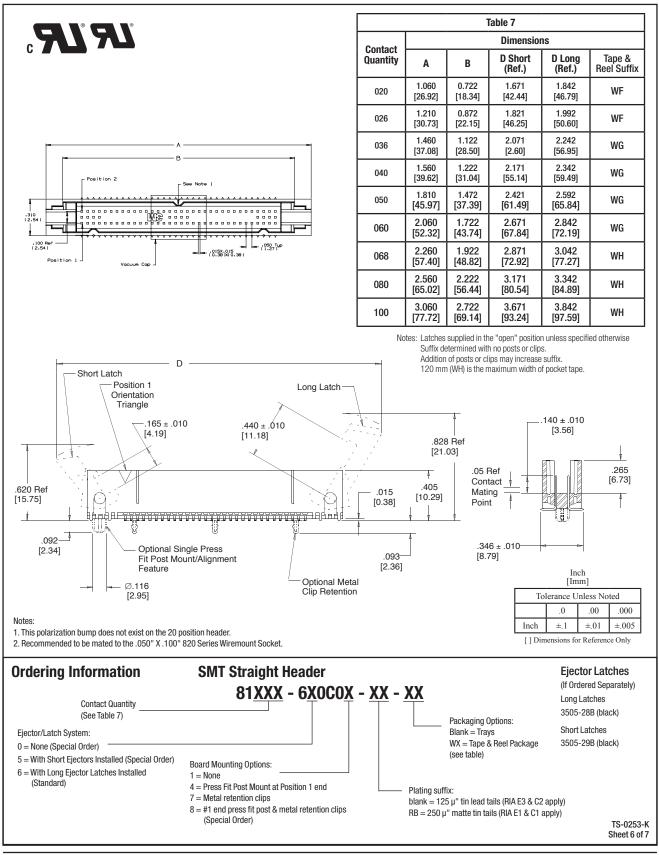
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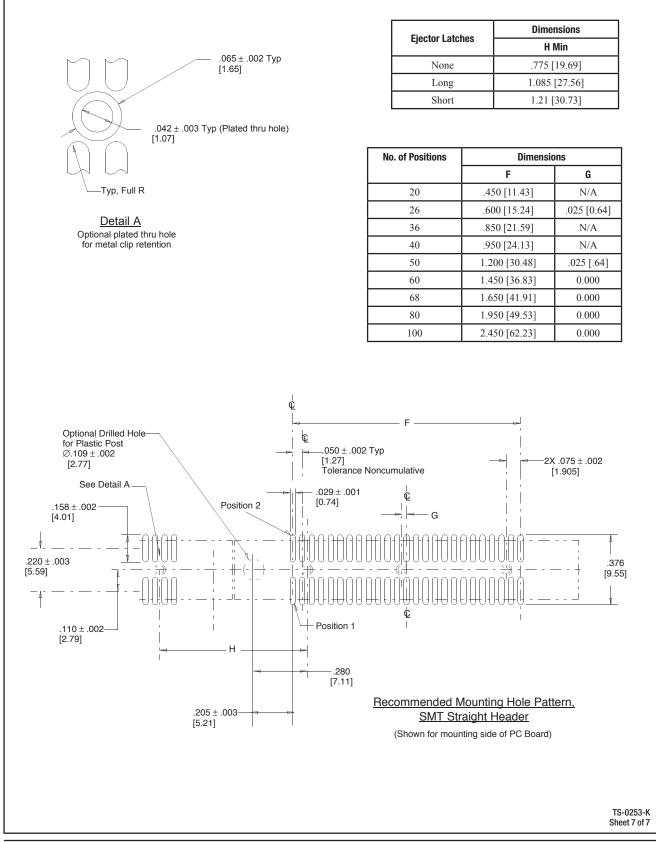
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