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Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832 Email & Skype: info@chipsmall.com Web: www.chipsmall.com Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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
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:	$>$ 1 \times 10 ⁹ Ω at 500 V _{DC}			
Withstanding Voltage:	500 V _{RMS} at Sea Level			

Environmental

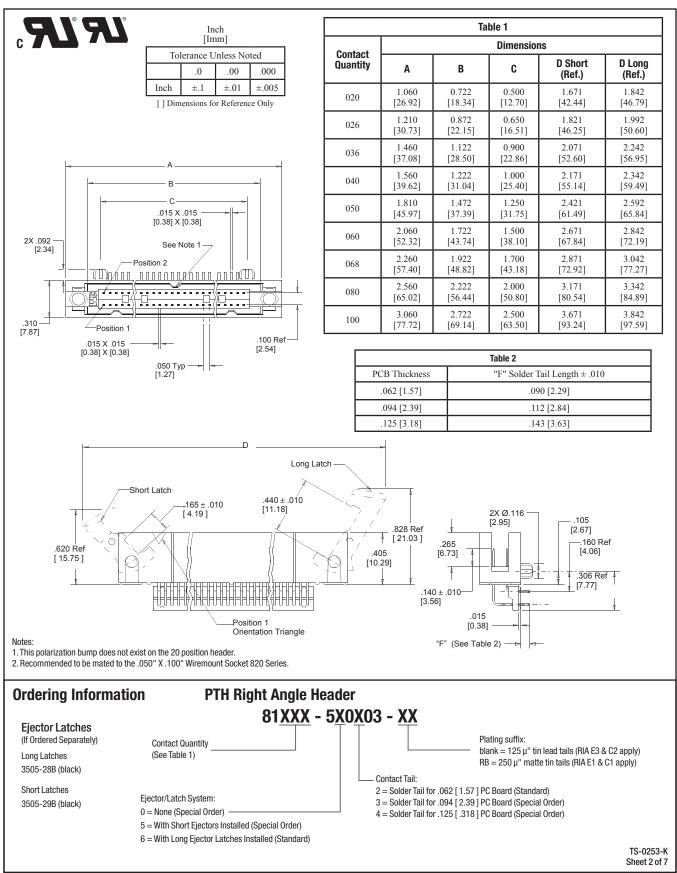
Temperature Rating:-55°C to +105°CProcess Rating:Maximum 260°C (Profile per J-STD-020C)Moisture Sensitivity Level:1 (per J-STD-020C)

UL File No.: E68080

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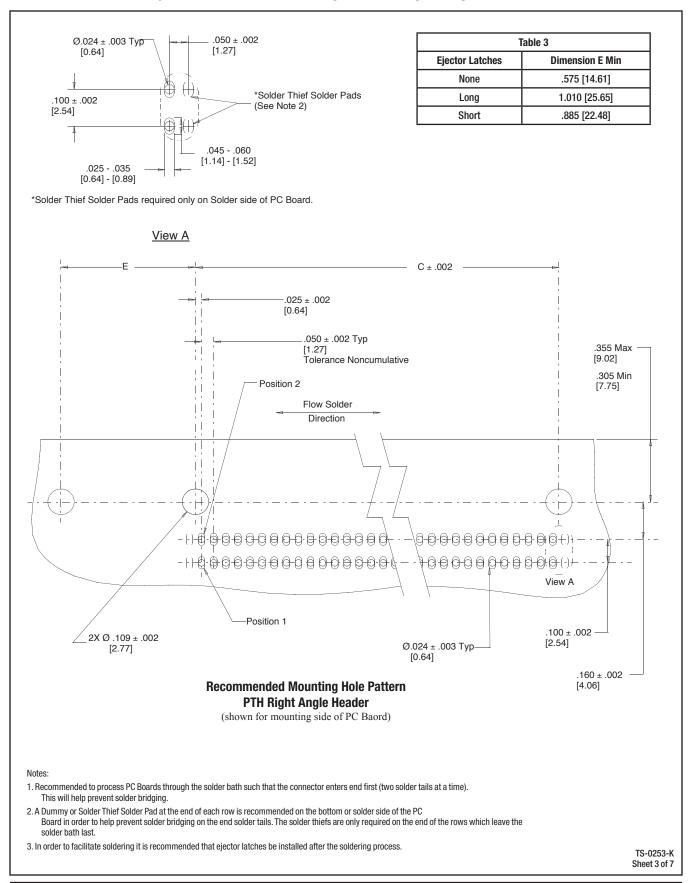


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3MTM 4-Wall, Tripolarized Header .050" × .100" Latch/Ejector, PTH & SMT Straight, PTH Right Angle

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$3M^{\text{TM}} \text{ 4-Wall, Tripolarized Header} \\ .050'' \times .100'' \text{ Latch/Ejector, PTH & SMT Straight, PTH Right Angle}$

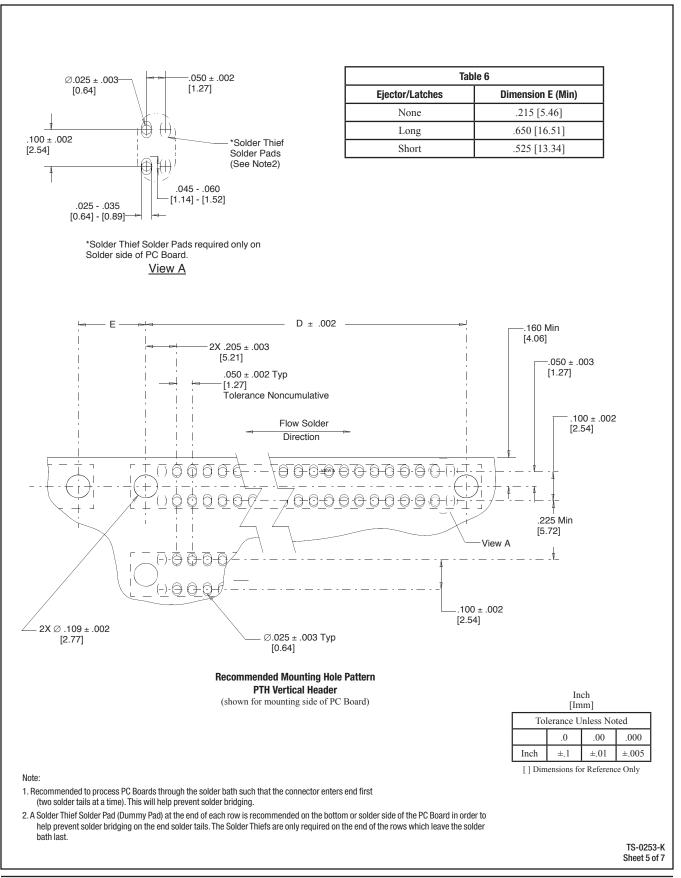
810 Series

• • •			Table 4			
Contact			Dimensions			
Quantity	A	В	C Short (Ref.)	C Long (Ref.)	D	
020	1.060 [26.92]	0.722 [18.34]	1.671 [42.44]	1.842 [46.79]	0.860 [21.8	84]
026	1.210 [30.73]	0.872 [22.15]	1.821 [46.25]	1.992 [50.60]	1.010 [25.6	65]
036	1.460 [37.08]	1.122 [28.50]	2.071 [2.60]	2.242 [56.95]	1.260 [32.0	00]
040	1.560 [39.62]	1.222 [31.04]	2.171 [55.14]	2.342 [59.49]	1.360 [34.5	54]
050	1.810 [45.97]	1.472 [37.39]	2.421 [61.49]	2.592 [65.84]	1.610 [40.8	39]
060	2.060 [52.32]	1.722 [43.74]	2.671 [67.84]	2.842 [72.19]	1.860 [47.2	24]
068	2.260 [57.40]	1.922 [48.82]	2.871 [72.92]	3.042 [77.27]	2.060 [52.3	
080	2.560 [65.02]	2.222 [56.44]	3.171 [80.54]	3.342 [84.89]	2.360 [59.9	
100	3.060 [77.72]	2.722 [69.14]	3.671 [93.24]	3.842 [97.59]	2.860 [72.6	64]
	Α					Table 5
				PC	B Thickness	"F" Solder Tail Length ± .010
.310	• E	3			.062 [1.57]	.092 [2.34]
[7.87]	Se Position 2	ee Note 1			.094 [2.39]	.110 [2.79]
			~		.05 F Cont	act
.165 [4.18 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7				.228 Ref [21.03] .405 [10.29] .015 [36] .015 [36] .015 .015 .015 .015 .015 .015 .015 .015		Ref $\frac{1}{100}$ $\frac{1}{100}$ $\frac{1}{100}$ $\frac{1}{100}$
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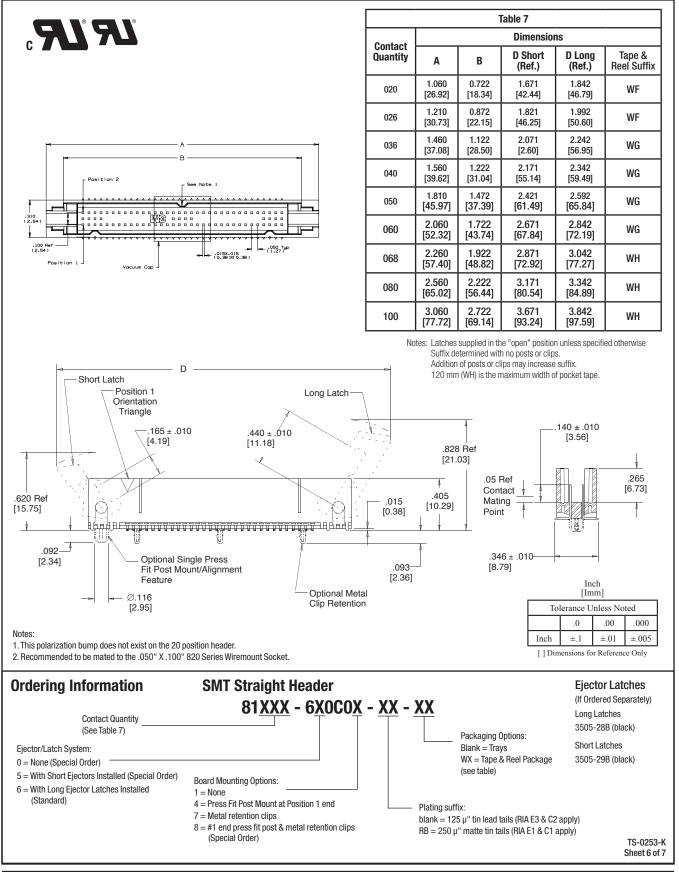
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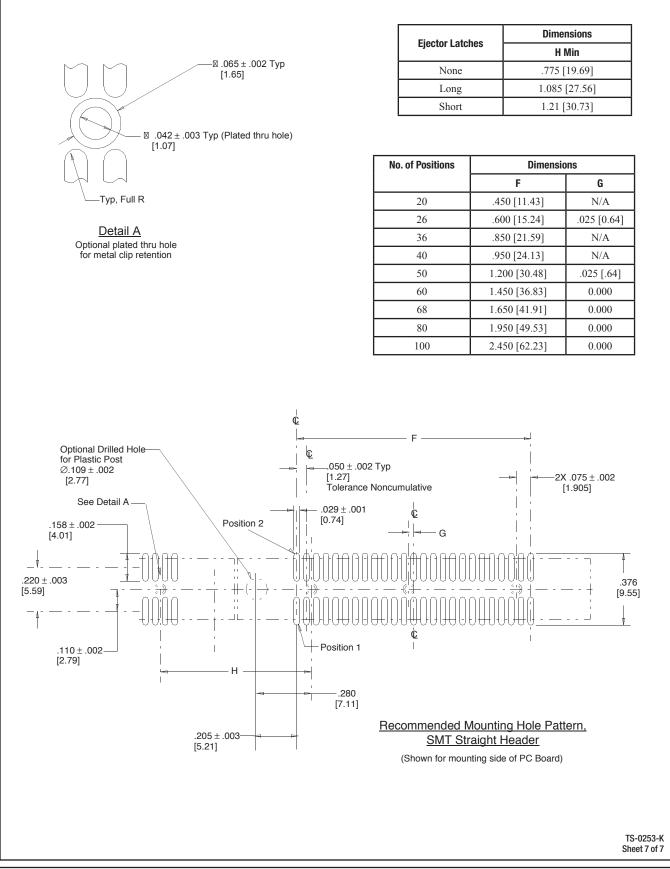


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