$3M^{\text{TM}}$ Surface Mount Header

 $.100^{\circ} \times .100^{\circ}$ High Temperature

N4600 Series



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Physical

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Insulator	
Material:	Glass Filled Polyester (PCT)
Flammability:	UL 94V-0
Color:	Black
Contact:	
Material:	Copper Alloy
Plating	
Underplating:	100 μ" [2.54 μm] Nickel
Wiping Area:	30 μ" [0.76 μm] Gold
Solder Tails:	$200~\mu^{\prime\prime}$ [$5.08~\mu m$] 60/40 Tin Lead or 300 $\mu^{\prime\prime}$ Matte Tin (See Ordering Information)
Marking:	3M Logo, Part Identification Number and Orientation Triangle
Electrical	
Current Rating:	4.75 A, 1 Line Powered
	2.25 A, 6 Adjacent Lines Powered
	1.25 A, All Lines Powered

2.25 A, 0 Adjacent Entes Fowered
1.25 A, All Lines Powered
Rating Conditions: EIA-364-070 Method 2, 30°C maximum temperature rise, 20% derated.
Reference appropriate 3M Product Specification for detailed current derating curves.
Insulation Resistance: >1 x 10° W at 500 V_{DC}
Withstanding Voltage: 1,000 V_{RMS} at Sea Level

Environmental

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

UL File No.: E68080

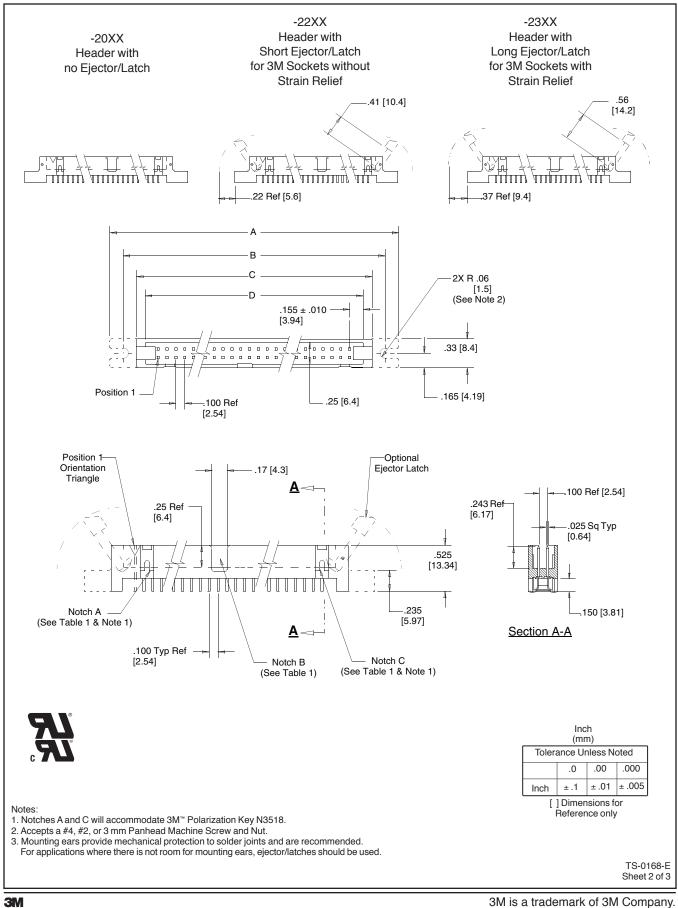
3M Electronic Solutions Division Interconnect Solutions http://www.3Mconnectors.com 3M is a trademark of 3M Company. For technical, sales or ordering information call 800-225-5373

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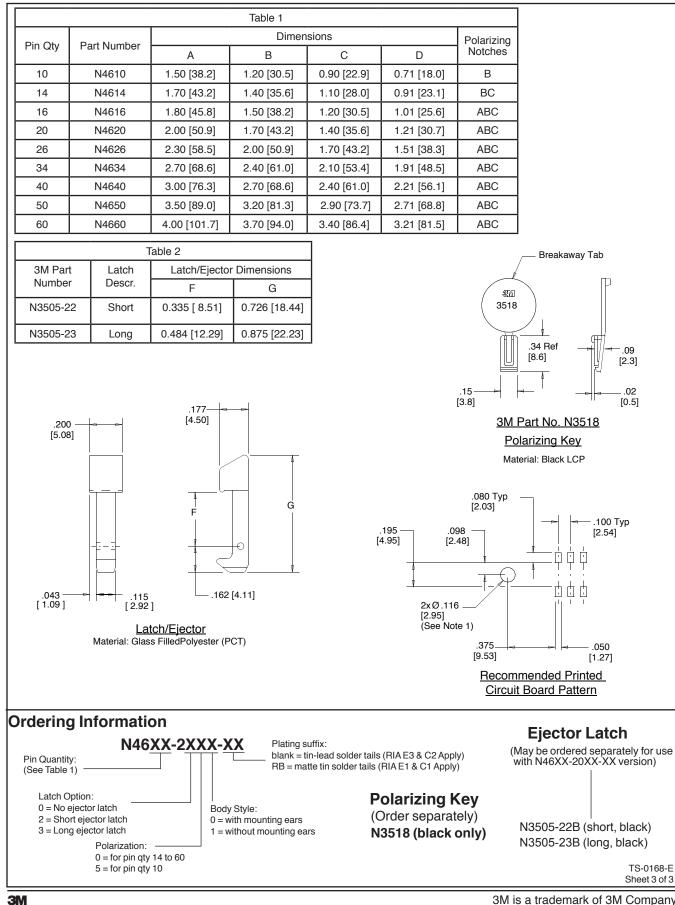
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