# 3M<sup>™</sup> Four-Wall Header

# $.100"\times.100"$ Latch/Ejector, Straight and Right Angle

- Military (with 3M's 3518 & N3518 polarizing key) and centerbump polarization
- Optional ejector latches
- · Mounting holes for securing header to board
- Optional polarizing posts available
- High temperature insulator option suitable for "no lead" soldering operations
- High temperature option suitable for reflow soldering using "paste in hole" techniques
- Solder tail option
- See the Regulatory Information Appendix (RIA) in the "RoHS compliance" section of www.3Mconnector.com for compliance information

Date Modified: December 3, 2010

TS-0772-L Sheet 1 of 4

3000 Series

## **Physical**

### **Insulator:**

Material: Glass Filled Polyester (PBT) Glass Filled Polyester (PCT) - (High Temp Option)

Flammability: UL 94V-0

Color: Gray (PBT), Black (PCT)

### Contact:

Material: Copper Alloy
Plating:
Underplating: 100 μ" [2.54 μm] Nickel- Overall
Wiping Area: 30 μ" [0.76 μm] Gold
Solder Tails: Tin Lead or Matte Tin (See Ordering Information)
Marking: 3M Logo, Part Identification Number and Orientation Triangle

## **Electrical**

## Environmental

Temperature Rating:-55°C to +105°CProcess Rating:260°C - (High Temp PCT insulator verson), single pass, (profile per J-STD-020C)<br/>(PBT insulator version), maximum insulator temperature 191°C (solder wave<br/>processonly)Moisture Sensitivity Level:1 (per J-STD-020C) High Temp. (PCT) versions only

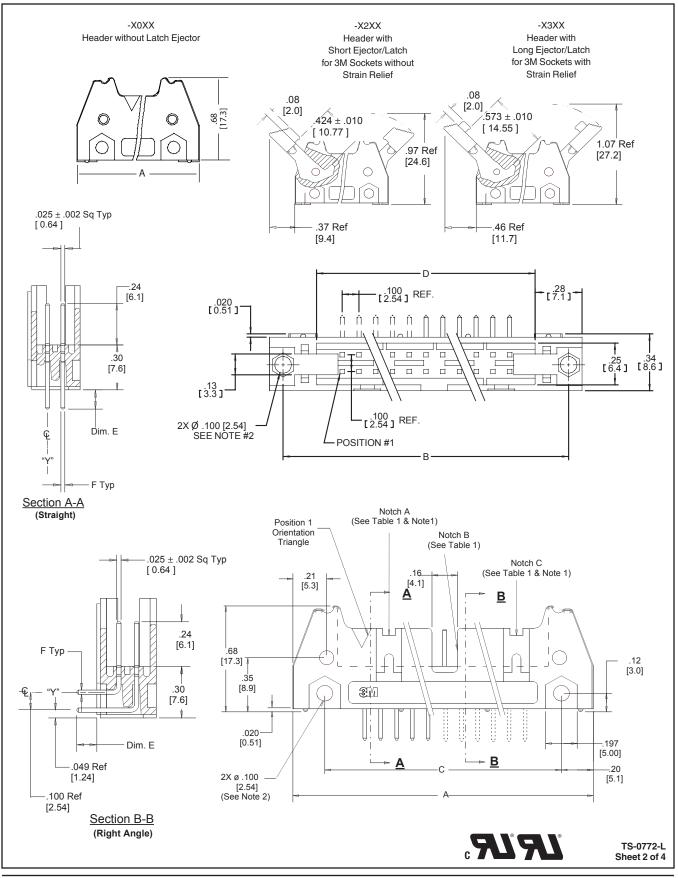
UL File No.: E68080

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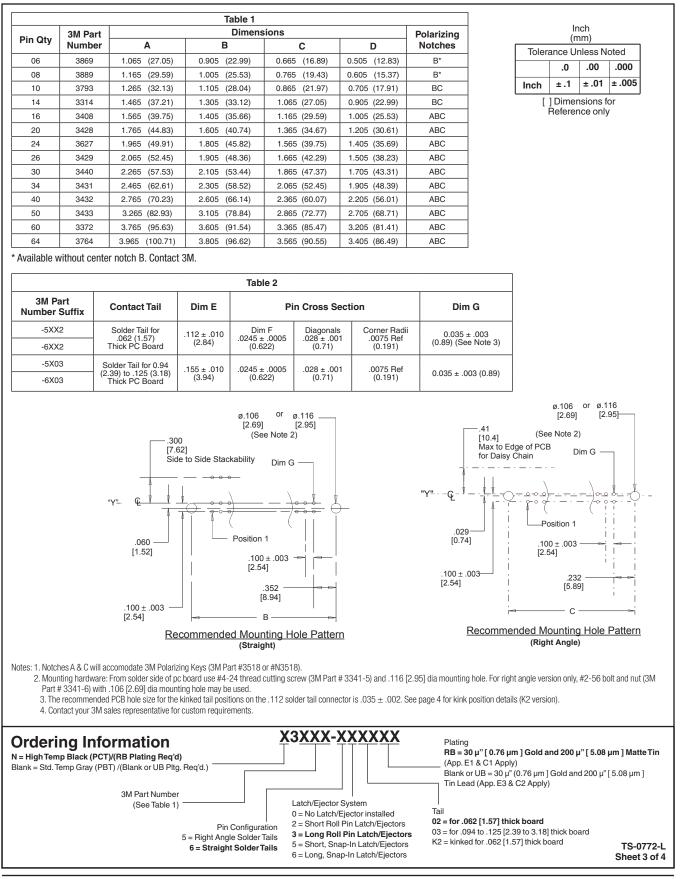
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# .100" $\times$ .100" Latch/Ejector, Straight and Right Angle

### 3000 Series

### Part Customization

This spec sheet details our standard offering.

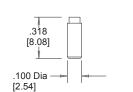
3M has several capabilities that can provide a part tailored to your specific needs. Ask your 3M sales representative or customer service for more details.

Both snap in and roll pin latches may be ordered separately. Snap in and roll style latches are dimensionally and functionally equivalent. If ordering snap-in or roll pin style latches separately, please use the below chart.

	Short Latch	Long Latch	Latch Style	Color
Standard Temperature (PBT)	3505-2	3505-3	Roll Pin	Gray
High Temperature (PCT)	N3505-2B	N3505-3B	Roll Pin	Black
High Temperature (PBT)	3505-30	3505-31	Snap-In	Gray
High Temperature (PPA)	N3505-30B	N3505-31B	Snap-In	Black

- Selective pin removal (ATA or other compatability)
- Wire wrap tails styles

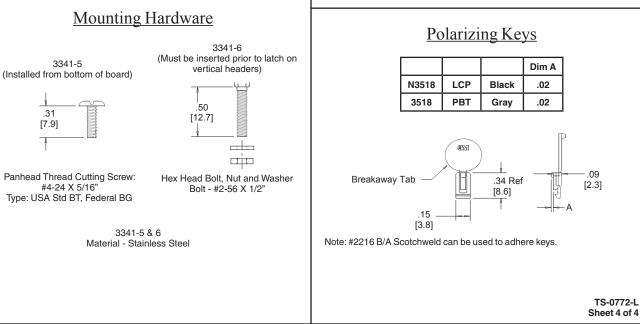




3201-4	LCP	Black
3201-5	PBT	Gray

Note: Insert Post into one mounting hardware hole on bottom of header. Set post to protrude .115" [2.92].

10     4     3       14     4     3       16     4     3       20     4     3       24     4     3       26     4     3	4	11	12			
16         4         3           20         4         3           24         4         3	4	13				
20         4         3           24         4         3	4					
24 4 3			3   14			
	4	17	' 18			
26 4 3	4	21	22			
	4	23	3 24			
30 4 5	6	25	5 26			
34 4 7	8	27	7 28			
36 4 7	8	27	28			
40 4 7	8	33	3 34			
50 4 7	8	43	3 44			
60 4 11	12	2 49	9 50			
64 4 11	12	2 53	3 54			
Kinked Tail Detail: Kink is located .05" below bottom surface of plastic. External radius of kink toward part centerline.						



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