

## Shielded CHAMP Latch Panel Mount Connectors

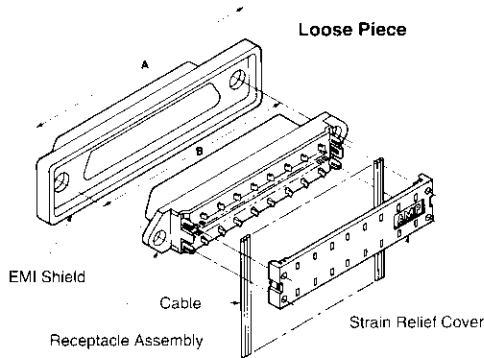
### CHAMP Latch Connectors for .050 [1.27] Ribbon Cable

#### Material and Finish:

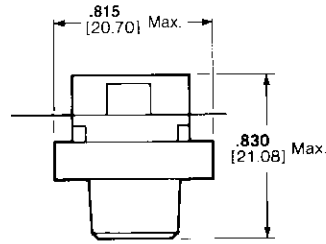
**Housing and Strain Relief Clip**—thermoplastic (black)

**Terminals**—gold over nickel plated high strength copper alloy on mating face and gold flash over nickel plate on terminating side

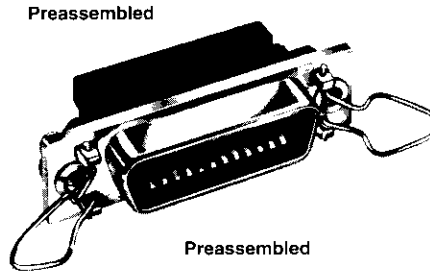
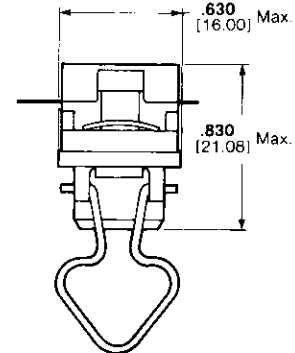
**EMI Shield**—nickel plated die casting



Loose Piece End View



Preassembled Bail Lock End View



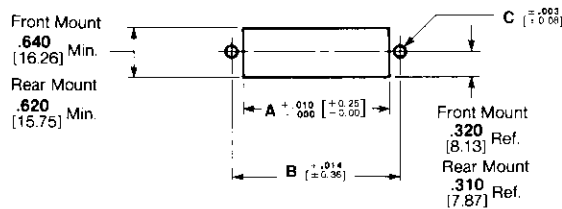
IDC Connectors

Number of Positions	Loose Piece		Part Number	Bail Lock		Screw Lock	
	Dimension			Dimension		Part Number	
	A	B		A	B	4-40 Hole	6-32 Hole
24	2.380	1.842	554349-1 <sup>4</sup>	2.205	1.842	—	554434-1 <sup>4</sup>
	60.45	46.79		56.01	46.79		
36	2.380	2.352	554348-1	2.715	2.352	554436-2	—
	60.45	59.74		68.96	59.74		
50	3.475	2.946	554350-1	3.310	2.947	554902-1 <sup>1,3</sup>	—
	88.27	74.83		84.07	74.85	556297-1 <sup>1,3,5</sup>	

<sup>1</sup>Does not have boss feature. Boss is a .040 [1.02] shoulder on front of shield.  
<sup>2</sup>SCSI applicable with Bail Lock Hardware Kit Part Number 554818-2.  
<sup>3</sup>SCSI applicable.

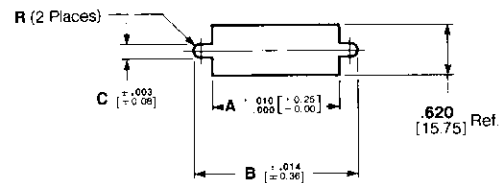
<sup>4</sup>Can be used with Interface Bus Applications per IEEE-488  
<sup>5</sup>Has drawn metal shield.

### Recommended Panel Cutouts for Front and Rear Panel Mountings



Loose Piece Standard Hardware Application

### Recommended Panel Cutouts for Rear Panel Mounts Only.



Preassembled and Metric Application for IEEE-488

No. of Pos.	Loose Piece					
	Front Panel Mount			Rear Panel Mount		
	A	B	C	A	B	C
24	1.488	1.842	.126	1.575	1.842	.149
	37.80	46.79	3.20	40.01	46.79	3.78
36	2.000	2.352	.126	2.085	2.352	.149
	50.80	59.74	3.20	52.96	59.74	3.78
50	2.700	2.946	.126	2.700	2.946	.149
	68.58	74.83	3.20	68.58	74.83	3.78

No. of Pos.	Preassembled					
	Bail Lock			Screw Lock		
	A	B	C	A	B	C
24	1.806	1.968	.152	1.575	1.994	.152 <sup>1</sup>
	45.87	49.99	3.86	40.01	50.65	3.78
36	2.316	2.478	.126	2.085	2.478	.126
	58.83	62.94	3.20	52.96	62.94	3.20
50	2.910	3.072	.126	2.700	3.072	.126
	73.91	78.03	3.20	68.58	78.03	3.20

<sup>1</sup>For IEEE-488 Metric Applications Dimension.  
C = .192 [4.88] B = 2.036 [51.71]