

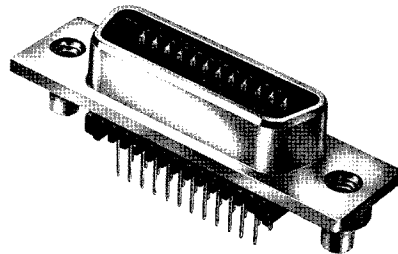
**Shielded CHAMP Vertical Mount PCB Connectors**

**Material and Finish**

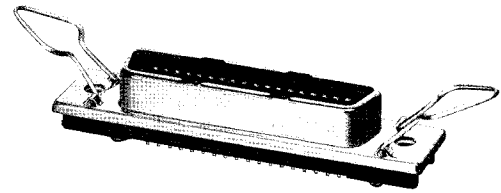
**Housing** — Thermoplastic (black)

**Terminals** — Selectively plated gold over nickel plated high strength copper alloy, tin plated tails

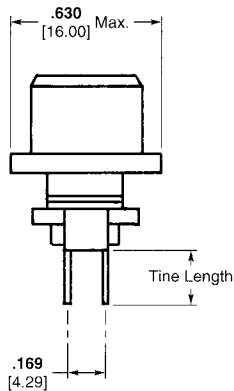
**EMI Shield** — Nickel plated die casting



Screw Lock



Bail Lock

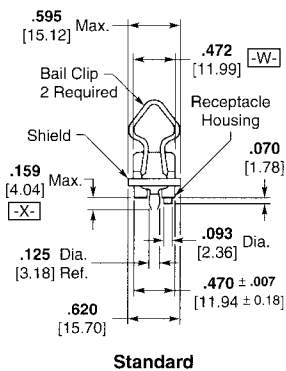


| No. of Positions | Tine Length  | Screw Lock 6-32 Hole  | Bail Lock 4-40 Hole | Board Lock w/Bail Lock |
|------------------|--------------|-----------------------|---------------------|------------------------|
| 24               | .115<br>2.92 | 554501-1 <sup>1</sup> | —                   | —                      |
| 36               | .215<br>5.46 | —                     | 554145-4            | —                      |
| 50               | .180<br>4.57 | —                     | —                   | 406874-1 <sup>2</sup>  |

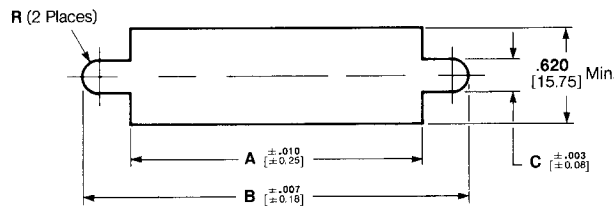
<sup>1</sup> Can be used with Interface Bus Applications per IEEE-488.

<sup>2</sup> See view A.

**Recommended Panel Cutout for Preassembled and Metric Application per IEEE-488 (Rear Panel Mount Only)**

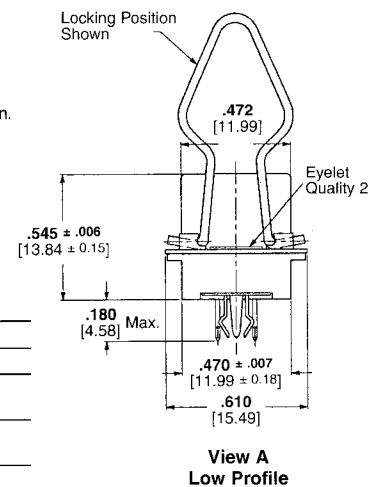


Standard



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

<sup>1</sup> For IEEE-488 Metric Applications Dimension—B = 2.036 [51.71] (Screw Lock Only), C = .192 [4.88].



View A  
Low Profile