

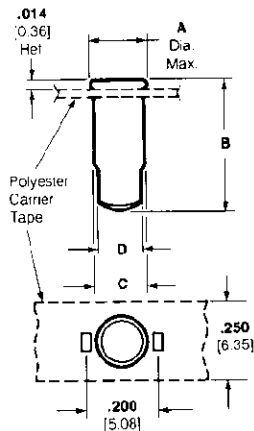
## Miniature Spring Sockets (Continued)

### Bullet Nose Sockets (Loose Piece and Tape Mounted)

#### Material

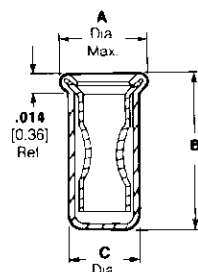
Spring — Beryllium copper

Contact Sleeve — Copper

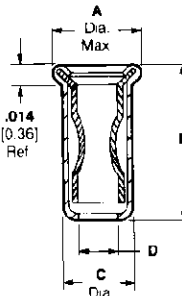


### Flat Bottom Sockets

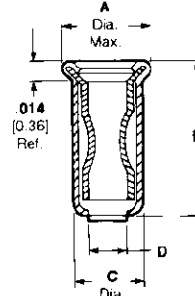
#### Closed Bottom



#### Open Bottom\*



#### Knockout Bottom\*\*



\*Open Bottom Sockets can be made available.

\*\*See page 137 for knockout plug tool.

**Series 4 Sockets** — For .034–.041 [0.86–1.04] Round and .026–.031 [0.66–0.79] Square Leads<sup>3</sup>

**Flat Bottom** — Recommended Hole Size:  $.071 + \frac{.003}{-.000}$  [1.80<sup>+0.08</sup><sub>-0.00</sub>] for Semiautomatic Insertion or Hand Insertion

| Pin Dia.<br>Range      | Dimensions   |              |              |              | Finish            |                   | Part Numbers  |                 |
|------------------------|--------------|--------------|--------------|--------------|-------------------|-------------------|---------------|-----------------|
|                        | A            | B            | C            | D*           | Spring            | Sleeve            | Closed Bottom | Knockout Bottom |
| .034–.041<br>0.86–1.04 | .089<br>2.26 | .260<br>6.60 | .070<br>1.78 | .046<br>1.17 | Gold <sup>1</sup> | Gold <sup>2</sup> | 50865         | 50865-2         |
|                        |              |              |              |              | Gold <sup>1</sup> | Tin               | 50865-5       | 50865-1         |
|                        |              |              |              |              | Tin               | Tin               | 50865-8       | 50865-7         |
| .037–.040<br>0.94–1.02 | .089<br>2.26 | .143<br>3.63 | .070<br>1.78 | .045<br>1.14 | Gold <sup>1</sup> | Gold <sup>2</sup> | 1-332070-1    | 1-332070-7      |
|                        |              |              |              |              | Gold <sup>1</sup> | Tin               | 2-332070-3    | 3-332070-5      |
|                        |              |              |              |              | Tin               | Tin               | 2-332070-2    | 3-332070-4      |

**Bullet Nose** — Recommended Hole Size:  $.069 + \frac{.003}{-.000}$  [1.75<sup>+0.08</sup><sub>-0.00</sub>] for Semiautomatic/Automatic Insertion or Hand Insertion

| Pin Dia.<br>Range      | Dimensions   |              |              |              | Finish            |        | Loose Piece | Part Numbers                   |                             |
|------------------------|--------------|--------------|--------------|--------------|-------------------|--------|-------------|--------------------------------|-----------------------------|
|                        |              |              |              |              |                   |        |             | Polyester Carrier Tape         |                             |
|                        | A            | B            | C            | D            | Spring            | Sleeve |             | Without Sealant<br>10,000/Reel | With Sealant<br>10,000/Reel |
| .037–.041<br>0.94–1.04 | .089<br>2.26 | .260<br>6.60 | .074<br>1.88 | .066<br>1.68 | Gold <sup>1</sup> | Tin    | 645500-1    | 1-645502-1                     | 1-645501-1                  |
|                        |              |              |              |              | Tin               | Tin    | —           | —                              | 1-645501-2                  |

<sup>1</sup>.000030 [0.00076] gold plating.

<sup>2</sup>Gold flash.

<sup>3</sup>To calculate diameter required for rectangular or square leads: Pin Diameter =  $\left[ \sqrt{(\text{Lead Width})^2 + (\text{Lead Thickness})^2} \right] - .003$  [0.08].

<sup>4</sup>Applies to Open Bottom and Knockout Bottom Sockets only.