

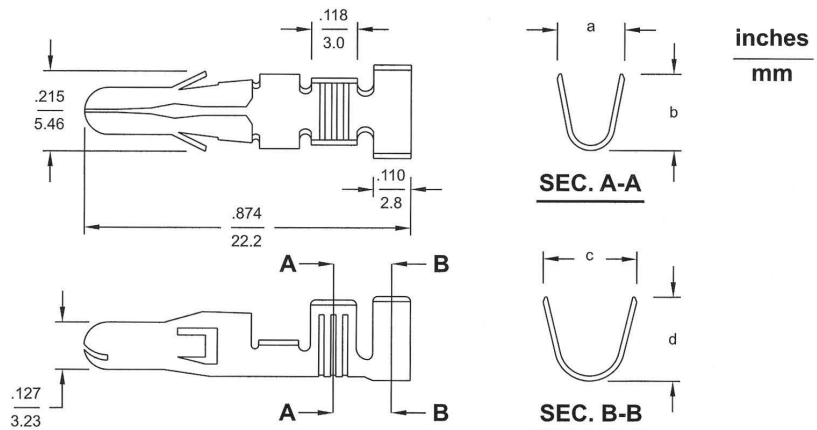
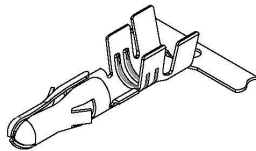
## .125" (3.18mm) Diameter Pin and Socket

### Specifications:

- Current rating: 20A Max.
- Voltage rating: 600V
- Dielectric withstanding voltage: 1500V AC rms
- Contact resistance: 10mΩ Max.
- Ambient temperature range: -40 °C ~ 105 °C (including temperature rise)
- UL file No. : E114003

### 82T Series Male Crimp Terminal

- Used in 8892 housing
- Wire range: #10 ~ #18 AWG
- Finished: Tin-plated
- Thickness: 0.3mm

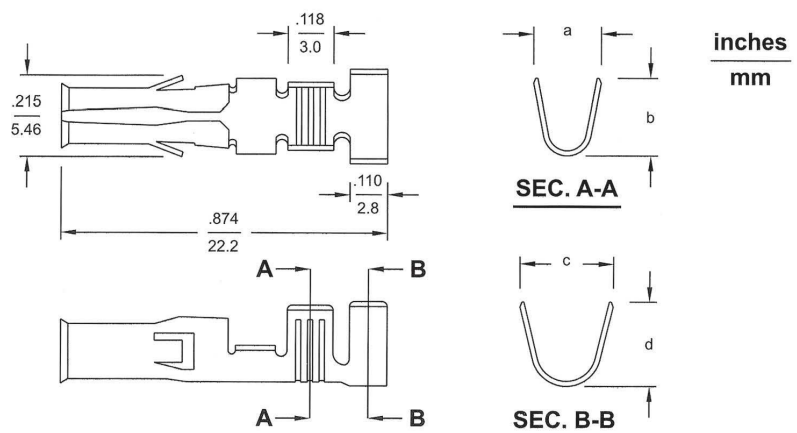
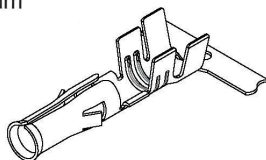


#### Dimensional Information - in ( mm )

| Part No. | Wire size (AWG) | Max. Ins. Dia. | Material        | Dim. a      | Dim. b      | Dim. c      | Dim. d      |
|----------|-----------------|----------------|-----------------|-------------|-------------|-------------|-------------|
| 82T1     | #16 ~ #18       | 0.120 (3.05)   | Brass           | 0.110 (2.8) | 0.130 (3.3) | 0.193 (4.9) | 0.197 (5.0) |
| 82T2     | #16 ~ #18       | 0.180 (4.57)   |                 | 0.110 (2.8) | 0.130 (3.3) | 0.256 (6.5) | 0.224 (5.7) |
| 82T3     | #10 ~ #14       | 0.180 (4.57)   |                 | 0.205 (5.2) | 0.213 (5.4) | 0.256 (6.5) | 0.224 (5.7) |
| 82TP1    | #16 ~ #18       | 0.120 (3.05)   | Phosphor bronze | 0.110 (2.8) | 0.130 (3.3) | 0.193 (4.9) | 0.197 (5.0) |
| 82TP2    | #16 ~ #18       | 0.180 (4.57)   |                 | 0.110 (2.8) | 0.130 (3.3) | 0.256 (6.5) | 0.224 (5.7) |
| 82TP3    | #10 ~ #14       | 0.180 (4.57)   |                 | 0.205 (5.2) | 0.213 (5.4) | 0.256 (6.5) | 0.224 (5.7) |

### 83T Series Female Crimp Terminal

- Used in 8892 housing
- Wire range: #10 ~ #18 AWG
- Finished: Tin-plated
- Thickness: 0.3mm



#### Dimensional Information - in ( mm )

| Part No. | Wire size (AWG) | Max. Ins. Dia. | Material        | Dim. a      | Dim. b      | Dim. c      | Dim. d      |
|----------|-----------------|----------------|-----------------|-------------|-------------|-------------|-------------|
| 83T1     | #16 ~ #18       | 0.120 (3.05)   | Brass           | 0.110 (2.8) | 0.130 (3.3) | 0.193 (4.9) | 0.197 (5.0) |
| 83T2     | #16 ~ #18       | 0.180 (4.57)   |                 | 0.110 (2.8) | 0.130 (3.3) | 0.256 (6.5) | 0.224 (5.7) |
| 83T3     | #10 ~ #14       | 0.180 (4.57)   |                 | 0.205 (5.2) | 0.213 (5.4) | 0.256 (6.5) | 0.224 (5.7) |
| 83TP1    | #16 ~ #18       | 0.120 (3.05)   | Phosphor bronze | 0.110 (2.8) | 0.130 (3.3) | 0.193 (4.9) | 0.197 (5.0) |
| 83TP2    | #16 ~ #18       | 0.180 (4.57)   |                 | 0.110 (2.8) | 0.130 (3.3) | 0.256 (6.5) | 0.224 (5.7) |
| 83TP3    | #10 ~ #14       | 0.180 (4.57)   |                 | 0.205 (5.2) | 0.213 (5.4) | 0.256 (6.5) | 0.224 (5.7) |