

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

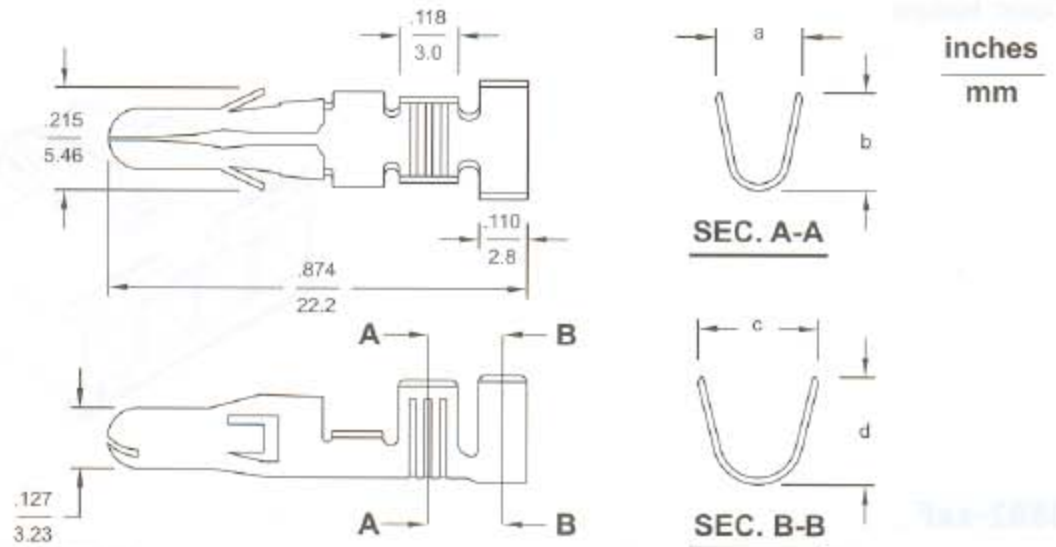
## Specifications:

- 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)

## 83801TM Series

### Male Crimp Terminal

- Used in 83801HF-N housing
- Wire range: #10 ~ #18 AWG
- Finished: Tin-plated
- Thickness: 0.3mm



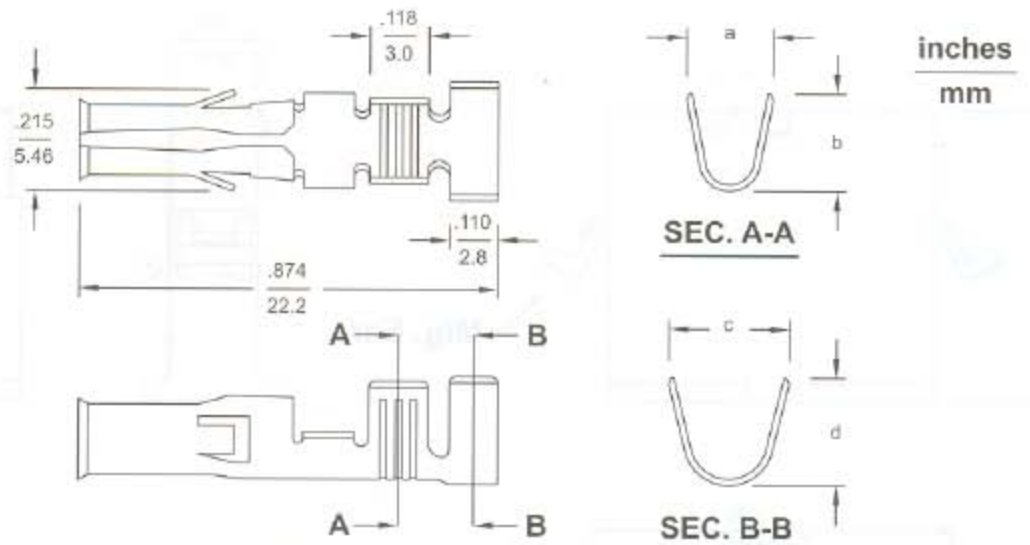
#### Dimensional Information - in ( mm )

| Part No.  | Wire size (AWG) | Max. Ins. Dia. | Material        | Dim. a      | Dim. b      | Dim. c      | Dim. d      |
|-----------|-----------------|----------------|-----------------|-------------|-------------|-------------|-------------|
| 83801TM1  | #16 ~ #18       | 0.120 (3.05)   | Brass           | 0.110 (2.8) | 0.130 (3.3) | 0.193 (4.9) | 0.197 (5.0) |
| 83801TM2  | #16 ~ #18       | 0.180 (4.57)   |                 | 0.110 (2.8) | 0.130 (3.3) | 0.256 (6.5) | 0.224 (5.7) |
| 83801TM3  | #10 ~ #14       | 0.180 (4.57)   |                 | 0.213 (5.4) | 0.205 (5.2) | 0.256 (6.5) | 0.224 (5.7) |
| 83801TMP1 | #16 ~ #18       | 0.120 (3.05)   | Phosphor bronze | 0.110 (2.8) | 0.130 (3.3) | 0.193 (4.9) | 0.197 (5.0) |
| 83801TMP2 | #16 ~ #18       | 0.180 (4.57)   |                 | 0.110 (2.8) | 0.130 (3.3) | 0.256 (6.5) | 0.224 (5.7) |
| 83801TMP3 | #10 ~ #14       | 0.180 (4.57)   |                 | 0.213 (5.4) | 0.205 (5.2) | 0.256 (6.5) | 0.224 (5.7) |

## 83801TF Series

### Female Crimp Terminal

- Used in 83801HM-N 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      |
|-----------|-----------------|----------------|-----------------|-------------|-------------|-------------|-------------|
| 83801TF1  | #16 ~ #18       | 0.120 (3.05)   | Brass           | 0.110 (2.8) | 0.130 (3.3) | 0.193 (4.9) | 0.197 (5.0) |
| 83801TF2  | #16 ~ #18       | 0.180 (4.57)   |                 | 0.110 (2.8) | 0.130 (3.3) | 0.256 (6.5) | 0.224 (5.7) |
| 83801TF3  | #10 ~ #14       | 0.180 (4.57)   |                 | 0.213 (5.4) | 0.205 (5.2) | 0.256 (6.5) | 0.224 (5.7) |
| 83801TFP1 | #16 ~ #18       | 0.120 (3.05)   | Phosphor bronze | 0.110 (2.8) | 0.130 (3.3) | 0.193 (4.9) | 0.197 (5.0) |
| 83801TFP2 | #16 ~ #18       | 0.180 (4.57)   |                 | 0.110 (2.8) | 0.130 (3.3) | 0.256 (6.5) | 0.224 (5.7) |
| 83801TFP3 | #10 ~ #14       | 0.180 (4.57)   |                 | 0.213 (5.4) | 0.205 (5.2) | 0.256 (6.5) | 0.224 (5.7) |