## CUSTOMER DRAWING



| Product <br> Name | Product Dimensions |  |  |  | Wire Dimensions |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \varnothing \mathrm{A} \\ & \min \end{aligned}$ | $\overline{ø B}$ <br> nom | $ø \mathrm{C}$nom | $\begin{gathered} \mathrm{L} \\ \max \end{gathered}$ | Color <br> (1) | $\begin{gathered} \text { Conductor } \\ \mathrm{mm}^{2} \text { (AWG) } \end{gathered}$ | $ø \mathrm{G}$ |  |
|  |  |  |  |  |  |  | min | max |
| B-106-1401 | $\begin{gathered} 4.0 \\ {[0.160)} \end{gathered}$ | 4.3 [0.170] | 8.0 [0.315] | 32.0 [1.260] | Red | $\begin{gathered} 0.5-1.0 \\ \text { (AWG 22-18) } \end{gathered}$ | $\begin{gathered} 1.4 \\ {[0.055]} \end{gathered}$ | $\begin{gathered} 4.0 \\ {[0.160]} \end{gathered}$ |
| B-106-1501 |  | 5.3 [0.210] | 10.0 [0.395] | 34.0 [1.340] |  |  |  |  |
| B-106-1601 |  | 6.5 [0.255] | 10.0 [0.395] | 36.0 [1.420] |  |  |  |  |
| B-106-1801 |  | 8.4 [0.330] | 14.0 [0.550] | 39.0 [1.535] |  |  |  |  |
| B-106-1991 |  | 10.5 [0.415] | 18.0 [0.710] | 43.0 [1.695] |  |  |  |  |
| B-106-1402 | $\begin{gathered} 4.6 \\ {[0.180)} \end{gathered}$ | 4.3 [0.170] | 8.0 [0.315] | 33.0 [1.300] | Blue | $\begin{gathered} 1.5-2.5 \\ \text { (AWG 16-14) } \end{gathered}$ | $\begin{gathered} 2.0 \\ {[0.080]} \end{gathered}$ | $\begin{gathered} 4.6 \\ {[0.180]} \end{gathered}$ |
| B-106-1502 |  | 5.3 [0.210] | 10.0 [0.395] | 33.0 [1.300] |  |  |  |  |
| B-106-1502-S |  | 5.3 [0.210] | 8.0 [0.315] | 32.0 [1.260] |  |  |  |  |
| B-106-1602 |  | 6.5 [0.255] | 11.0 [0.435] | 36.5 [1.440] |  |  |  |  |
| B-106-1802 |  | 8.4 [0.330] | 14.0 [0.550] | 40.0 [1.575] |  |  |  |  |
| B-106-1992 |  | 10.5 [0.415] | 18.0 [0.710] | 44.0 [1.735] |  |  |  |  |
| B-106-1403 | $\begin{gathered} 6.5 \\ {[0.255)} \end{gathered}$ | 4.3 [0.170] | 8.0 [0.315] | 38.0 [1.495] | Yellow | $\begin{gathered} 3.0-6.0 \\ \text { (AWG 12-10) } \end{gathered}$ | $\begin{gathered} 2.8 \\ {[0.110]} \end{gathered}$ | $\begin{gathered} 6.5 \\ {[0.255]} \end{gathered}$ |
| B-106-1503 |  | 5.3 [0.210] | 10.0 [0.395] | 40.0 [1.575] |  |  |  |  |
| B-106-1603 |  | 6.5 [0.255] | 11.0 [0.435] | 41.5 [1.635] |  |  |  |  |
| B-106-1803 |  | 8.4 [0.330] | 14.0 [0.550] | 45.0 [1.770] |  |  |  |  |
| B-106-1993 |  | 10.5 [0.415] | 18.0 [0.710] | 47.0 [1.850] |  |  |  |  |

## MATERIALS

1. INSULATION SLEEVE: Heat-shrinkable, transparent color (1), radiation cross-linked modified polyamide with thermoplastic adhesive coating inside.
2. RING TERMINAL: Tin plated copper alloy.

## APPLICATION

1. These controlled crimp devices are designed to terminate a tin plated or bare copper stranded wire having an insulation rated for at least $75^{\circ} \mathrm{C}$ to a ring terminal. It will provide a splash proof and strain relief connection.
UL listed wire connection 91J4.
2. Temperature range: $-55^{\circ} \mathrm{C}$ to $+125^{\circ} \mathrm{C}$.
3. For application tooling and installation, see RPIP-684-00.

For best results, prepare the wire as shown:


|  |  |  | 300 Constitution Dr Menlo Park, CA 94025, U.S.A. | TITLE: <br> DURASEAL RING TERMINAL |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Unless otherwise [Inches dimensions | cified dimensions re shown in brack | in millimeters. | Raychem Devices | DOCUMENT NO.: |  |  |
| TOLERANCES: $\begin{aligned} & 0.00 \mathrm{~N} / \mathrm{A} \\ & 0.0 \mathrm{~N} / \mathrm{A} \\ & 0 \mathrm{~N} / \mathrm{A} \end{aligned}$ | ANGLES: N/A <br> ROUGHNESS <br> IN MICRON | TE Connectivity reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application. |  | REV: Bl | DATE: | $15,2011$ |
| REVISED BY: <br> $H M R$ | $\begin{gathered} \text { CAGE CODE: } \\ 06090 \end{gathered}$ | ECO NUMBER: <br> ECO-11-005139 |  | SCALE: <br> NTS | SIZE: <br> A | SHEET: <br> 1 of 1 |

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