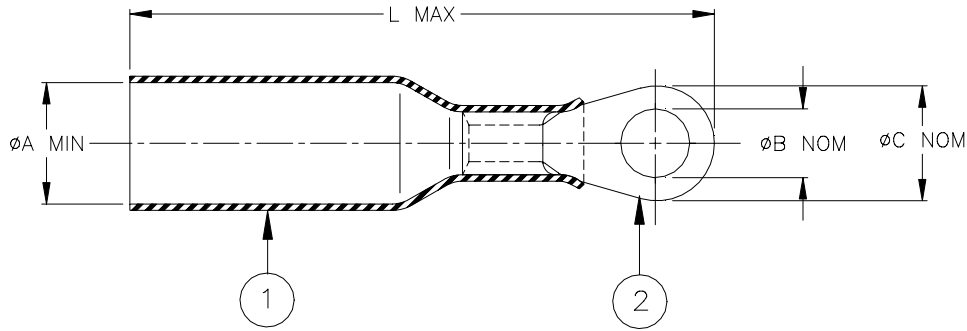


## CUSTOMER DRAWING



| Product Name | Product Dimensions |              |              |              | Wire Dimensions |                                 |                |                |
|--------------|--------------------|--------------|--------------|--------------|-----------------|---------------------------------|----------------|----------------|
|              | ØA min             | ØB nom       | ØC nom       | L max        | Color (1)       | Conductor mm <sup>2</sup> (AWG) | ØG             |                |
| B-106-1401   | 4.0<br>[0.160]     | 4.3 [0.170]  | 8.0 [0.315]  | 32.0 [1.260] | Red             | 0.5 - 1.0<br>(AWG 22-18)        | 1.4<br>[0.055] | 4.0<br>[0.160] |
| 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   | 4.6<br>[0.180]     | 4.3 [0.170]  | 8.0 [0.315]  | 33.0 [1.300] | Blue            | 1.5 - 2.5<br>(AWG 16-14)        | 2.0<br>[0.080] | 4.6<br>[0.180] |
| 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   | 6.5<br>[0.255]     | 4.3 [0.170]  | 8.0 [0.315]  | 38.0 [1.495] | Yellow          | 3.0 – 6.0<br>(AWG 12-10)        | 2.8<br>[0.110] | 6.5<br>[0.255] |
| 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] |                 |                                 |                |                |

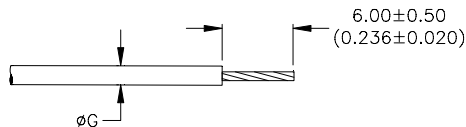
### MATERIALS

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°C to a ring terminal. It will provide a splash proof and strain relief connection.  
UL listed wire connection 91J4.
2. Temperature range: -55°C to +125°C.
3. For application tooling and installation, see RPIP-684-00.

For best results, prepare the wire as shown:



|                                                                                                        |                                           |                                                                                                                                                    |                                         |                            |
|--------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|----------------------------|
|                                                                                                        |                                           | 300 Constitution Dr<br>Menlo Park, CA<br>94025, U.S.A.                                                                                             | TITLE:<br><b>DURASEAL RING TERMINAL</b> |                            |
| Unless otherwise specified dimensions are in millimeters.<br>[Inches dimensions are shown in brackets] |                                           | Raychem<br>Devices                                                                                                                                 | DOCUMENT NO.:<br><b>B-106-1XXX</b>      |                            |
| TOLERANCES:<br>0.00 N/A<br>0.0 N/A<br>0 N/A                                                            | ANGLES: N/A<br><br>ROUGHNESS<br>IN MICRON | Tyco Electronics reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application. | REV:<br><b>B</b>                        | DATE:<br>February 25, 2009 |
| REVISED BY:<br><b>UNGUYEN</b>                                                                          | CAGE CODE:<br><b>06090</b>                |                                                                                                                                                    | SCALE:<br><b>NTS</b>                    | SIZE:<br><b>A</b>          |
|                                                                                                        |                                           | ECO NUMBER:<br><b>ECO-09-004533</b>                                                                                                                | SHEET:<br><b>1 of 1</b>                 |                            |

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