

CUSTOMER DRAWING



| Product Name | Product Dimensions | | | | Wire Dimensions | | | |
|--------------|--------------------|--------------|--------------|--------------|-----------------|---------------------------------|----------------|----------------|
| | ØA min | ØB nom | ØC nom | L max | Color (1) | Conductor mm ² (AWG) | ØG | |
| | | | | | | | min | max |
| B-106-1401 | 4.0 [0.160] | 4.3 [0.170] | 8.0 [0.315] | 32.0 [1.260] | Red | 0.5 - 1.0 (AWG 22-18) | 1.4 [0.055] | 4.0 [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 [0.180] | 4.3 [0.170] | 8.0 [0.315] | 33.0 [1.300] | Blue | 1.5 - 2.5 (AWG 16-14) | 2.0 [0.080] | 4.6 [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 [0.255] | 4.3 [0.170] | 8.0 [0.315] | 38.0 [1.495] | Yellow | 3.0 - 6.0 (AWG 12-10) | 2.8 [0.110] | 6.5 [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 Menlo Park, CA 94025, U.S.A. | TITLE: DURASEAL RING TERMINAL | | |
| Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets] | | Raychem Devices | DOCUMENT NO.: B-106-1XXX | | |
| TOLERANCES: 0.00 N/A 0.0 N/A 0 N/A | ANGLES: N/A ROUGHNESS 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: B1 | DATE: April 15, 2011 | |
| REVISED BY: HMR | CAGE CODE: 06090 | ECO NUMBER: ECO-11-005139 | SCALE: NTS | SIZE: A | SHEET: 1 of 1 |

© 2006.2011 Tyco Electronics Corporation, a TE Connectivity Ltd. Company. All Rights Reserved.

If this document is printed it becomes uncontrolled. Check for the latest revision.