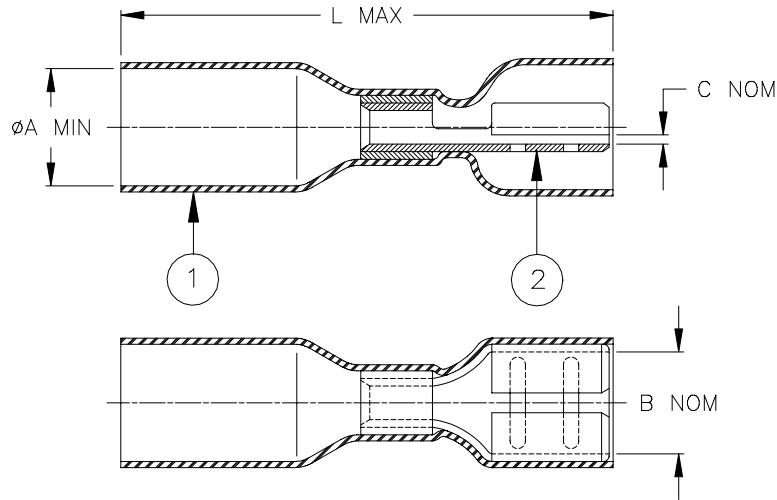


## SPECIFICATION CONTROL DRAWING



| Product Name | Product Dimensions |                 |                 |                  |           | Wire Dimensions                  |                |                |
|--------------|--------------------|-----------------|-----------------|------------------|-----------|----------------------------------|----------------|----------------|
|              | $\phi A$ min       | B nom           | C nom           | L max            | Color (1) | Size Range mm <sup>2</sup> (AWG) | $\phi G$       |                |
|              |                    |                 |                 |                  |           |                                  | min            | max            |
| B-106-3631   | 4.00<br>[0.160]    | 6.60<br>[0.260] | 0.80<br>[0.030] | 30.00<br>[1.180] | Red       | 0.5 - 1.0<br>(AWG 22-18)         | 1.4<br>[0.055] | 4.0<br>[0.160] |
| B-106-3632   | 4.60<br>[0.180]    | 6.60<br>[0.260] | 0.80<br>[0.030] | 32.00<br>[1.260] | Blue      | 1.5 - 2.5<br>(AWG 16-14)         | 2.0<br>[0.080] | 4.6<br>[0.180] |
| B-106-3633   | 6.50<br>[0.255]    | 6.60<br>[0.260] | 0.80<br>[0.030] | 33.00<br>[1.300] | Yellow    | 3.0 - 6.0<br>(AWG 12-10)         | 2.8<br>[0.110] | 6.5<br>[0.255] |
| B-106-3481   | 4.00<br>[0.160]    | 5.05<br>[0.199] | 0.80<br>[0.030] | 30.00<br>[1.180] | Red       | 0.5 - 1.0<br>(AWG 22-18)         | 1.4<br>[0.055] | 4.0<br>[0.160] |
| B-106-3281   | 4.00<br>[0.160]    | 2.80<br>[0.110] | 0.50<br>[0.020] | 22.50<br>[0.885] | Red       | 0.5 - 1.0<br>(AWG 22-18)         | 1.4<br>[0.055] | 4.0<br>[0.160] |

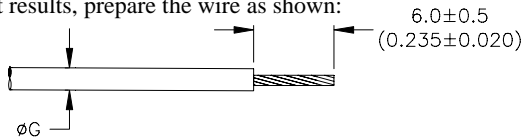
### MATERIALS

- INSULATION SLEEVE: Heat-shrinkable, transparent color (1), radiation cross-linked modified polyamide with thermoplastic adhesive coating inside.
- PUSH-ON TERMINAL: Tin-plated brass.  
BASE METAL: C260 Brass.  
PLATING: Tin-plated per ASTM B545, Class A.

### APPLICATION

- 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 push-on terminal. It will provide a splash proof and strain relief connection.  
UL listed wire connector 3Z11.
- Temperature range: -55°C to +125°C.
- For application tooling and installation, see RPIP-684-00.

For best results, prepare the wire as shown:



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|  |  |  |  |   |                                 |  |  |
|--|--|--|--|---|---------------------------------|--|--|
| <b>tyco</b><br><br><i>Electronics</i>  |  | Tyco Electronics Corporation<br>300 Constitution Drive,<br>Menlo Park, CA. 94025, U.S.A. |  | <i>Raychem</i>  |                                 | TITLE:<br><br>DURASEAL PUSH-ON<br>RECEPTACLE |  |
| Unless otherwise specified dimensions are in millimeters.<br>[Inches dimensions are shown in brackets] |  |  |  |   | DOCUMENT NO.:<br><br>B-106-3XXX |  |  |
| TOLERANCES:<br>0.00 N/A<br>0.0 N/A<br>0 N/A  |  | ANGLES: N/A<br><br>ROUGHNESS IN<br>MICRON  |  | Tyco Electronics reserves the right to amend<br>this drawing at any time. Users should<br>evaluate the suitability of the product for their<br>application. |                                 | REV.:<br><br>A                               |  |
|  |  |  |  |   |                                 | DATE:<br><br>17-Jul-06                       |  |
| DRAWN BY:<br>M. FORONDA  |  | CAGE CODE:<br>06090  |  | REPLACES:<br>D030510  |                                 | DCR NUMBER:<br>D060178                       |  |
|  |  |  |  |   |                                 | SCALE:<br><br>----                           |  |
|  |  |  |  |   |                                 | SIZE:<br><br>A                               |  |
|  |  |  |  |   |                                 | SHEET:<br><br>1 of 1                         |  |

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