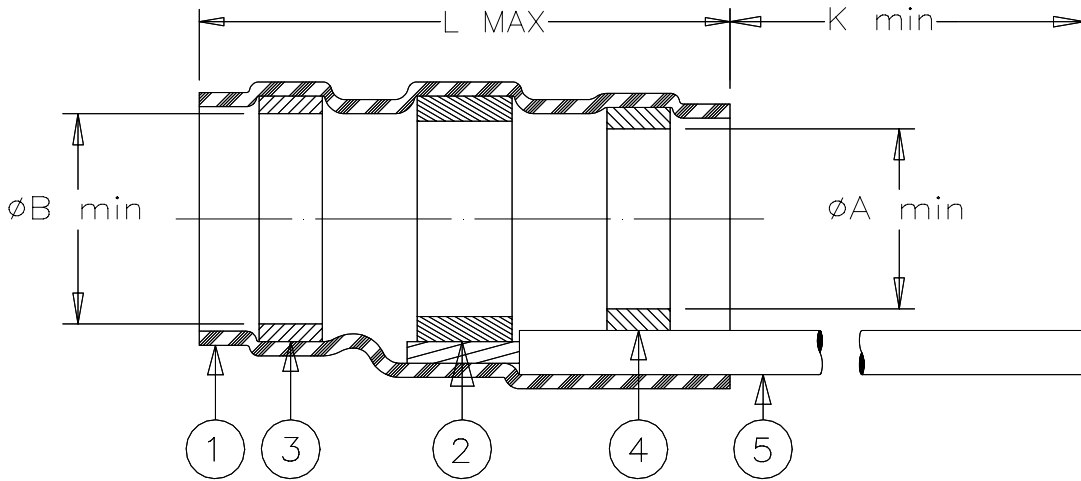


## SPECIFICATION CONTROL DRAWING



| Product Revisions |   | Product Dimensions |                |                |              | Cable Dimensions |                |                |                |
|-------------------|---|--------------------|----------------|----------------|--------------|------------------|----------------|----------------|----------------|
| Part Names        |   | L max              | A min          | B min          | K min        | D max            | E min          | F min          | J±0.5 (J±0.02) |
| B-900-01          | E | 16.5<br>(0.650)    | 2.6<br>(0.100) | 3.1<br>(0.120) | 150<br>(5.9) | 2.6<br>(0.100)   | 1.6<br>(0.630) | 1.5<br>(0.060) | 7<br>(0.275)   |
| B-900-02          | F | 16.5<br>(0.650)    | 4.4<br>(0.175) | 4.9<br>(0.195) | 150<br>(5.9) | 4.4<br>(0.175)   | 2.2<br>(0.085) | 2.1<br>(0.080) | 7<br>(0.275)   |
| B-900-03          | E | 21.5<br>(0.845)    | 6.9<br>(0.270) | 7.4<br>(0.290) | 150<br>(5.9) | 6.9<br>(0.270)   | 3.4<br>(0.135) | 3.2<br>(0.125) | 7<br>(0.275)   |

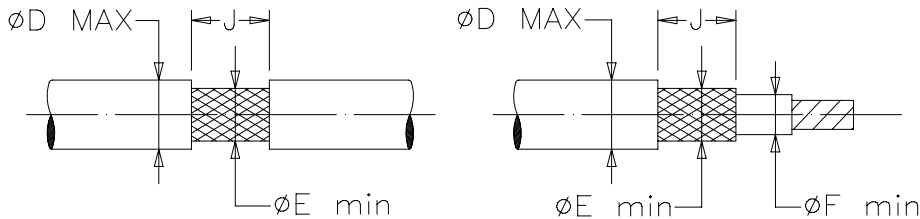
### MATERIAL

1. INSULATION SLEEVE: Heat-shrinkable, radiation cross-linked modified polyvinylidene fluoride. Transparent blue.
2. SOLDER PREFORM WITH FLUX:  
SOLDER: TYPE Sn63 per ANSI J-STD-006.  
FLUX: TYPE ROL1 per ANSI J-STD-004.
3. & 4. MELTABLE RINGS: Thermally stabilized thermoplastic. Color: clear.
5. GROUND LEAD: RAYCHEM 55A0111-24 in accordance with MIL-W-22759/32 AWG 24 stranded tin plated copper.  
Color: white.

### APPLICATION

1. These parts are designed to provide an environment protected shield termination on cables rated for 125°C minimum, meeting the dimensional criteria listed and having tin or silver plated shields.
2. Temperature range: -55°C to +150°C.
3. Install using Raychem-approved convection or infrared tools in accordance with Raychem installation procedure RPIP-709-00.

For best results, prepare the cable as shown:



|   |  |   |  |   |                |                      |                  |
|---|--|---|--|---|----------------|----------------------|------------------|
| <b>Raychem</b>  |  | THERMOFIT DEVICES   | Raychem Corporation<br>300 Constitution Drive<br>Menlo Park, CA 94025<br>USA | TITLE:<br><b>SOLDERSLEEVE* DEVICE<br/>WITH PRE-INSTALLED LEAD</b> |                |                      |                  |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS.<br>INCHES DIMENSIONS ARE IN BETWEEN BRACKETS. |  |   |  | DOCUMENT NO.: <b>B-900-0X</b>                                     |                |                      |                  |
| TOLERANCES:<br>0.00 N/A<br>0.0 N/A<br>0 N/A   | ANGLES: N/A<br><br>ROUGHNESS IN MICRON | Raychem reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application. |  | DCR NUMBER:<br>D981687  |                | REPLACES:<br>B90001X |                  |
| DRAWN BY:<br>R. MAPALO  |  | DATE:<br>09/17/98   | REV.:<br>SEE TABLE   | DOC ISSUE:<br>3   | SCALE:<br>NONE | SIZE:<br>A           | SHEET:<br>1 of 1 |

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|   |  |                                       |  |  |                       |                              |                         |
|---|--|---------------------------------------|--|--|-----------------------|------------------------------|-------------------------|
| <b>Raychem</b>  |  | THERMOFIT<br>DEVICES                  | Raychem Corporation<br>300 Constitution Drive<br>Menlo Park, CA 94025<br>USA   | TITLE:<br><b>SOLDERSLEEVE*<br/>SHIELD TERMINATION WITH BRAID</b> |                       |                              |                         |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS.<br>INCHES DIMENSIONS ARE IN BETWEEN BRACKETS. |  |                                       |  | DOCUMENT NO.: <b>SAMPLE</b>                                      |                       |                              |                         |
| TOLERANCES:<br>0.00 N/A<br>0.0 N/A<br>0 N/A   |  | ANGLES: N/A<br>ROUGHNESS IN<br>MICRON | Raychem reserves the right to amend this<br>drawing at any time. Users should<br>evaluate the suitability of the product for<br>their application. | DCR NUMBER:<br><b>D981066</b>                                    |                       | REPLACES:<br><b>SO639030</b> |                         |
| DRAWN BY:<br><b>R. MAPALO</b>   |  | DATE:<br><b>06/05/98</b>              | REV.:<br><b>SEE TABLE</b>  | DOC ISSUE:<br><b>4</b>   | SCALE:<br><b>NONE</b> | SIZE:<br><b>A</b>            | SHEET:<br><b>1 of 1</b> |

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