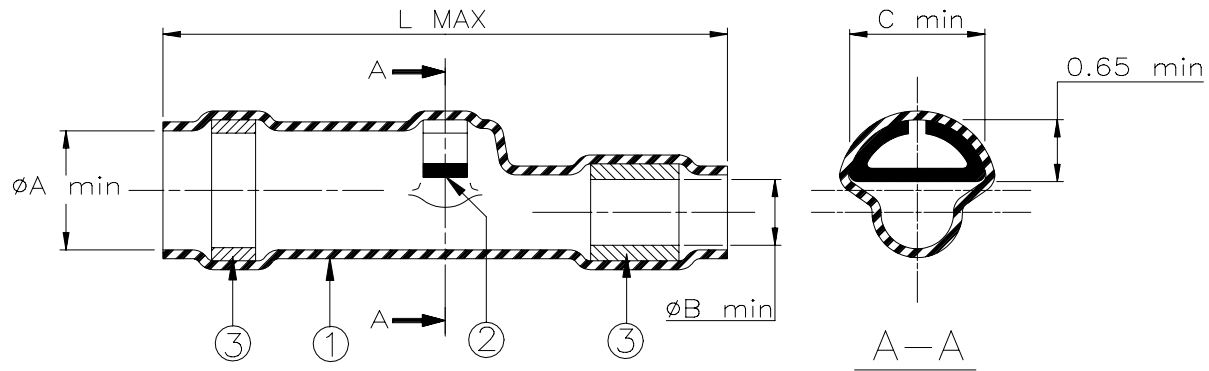


## SPECIFICATION CONTROL DRAWING



| Product Revision |   | Product Dimensions |                |                 |                 | Cable Dimensions |                |                |
|------------------|---|--------------------|----------------|-----------------|-----------------|------------------|----------------|----------------|
| Product Name     |   | øA<br>min          | øB<br>min      | L<br>max        | C<br>min        | øE<br>min        | D<br>max       | øG<br>max      |
| B-013-80         | A | 3.2<br>(0.125)     | 1.8<br>(0.070) | 30.6<br>(1.205) | 0.65<br>(0.025) | 1.4<br>(0.055)   | 3.2<br>(0.125) | 1.8<br>(0.070) |
| B-013-81         | A | 4.7<br>(0.185)     | 2.5<br>(0.100) | 30.6<br>(1.205) | 1.3<br>(0.050)  | 1.8<br>(0.070)   | 4.7<br>(0.185) | 2.5<br>(0.100) |
| B-013-82         | A | 5.8<br>(0.230)     | 3.2<br>(0.125) | 29.6<br>(1.165) | 1.3<br>(0.050)  | 2.4<br>(0.095)   | 5.8<br>(0.230) | 3.2<br>(0.125) |
| B-013-83         | B | 7.1<br>(0.280)     | 4.2<br>(0.165) | 30<br>(1.180)   | 1.3<br>(0.050)  | 3.5<br>(0.140)   | 7.1<br>(0.280) | 4.2<br>(0.165) |
| B-013-84         | B | 7.5<br>(0.295)     | 5.0<br>(0.195) | 30<br>(1.180)   | 1.3<br>(0.050)  | 4.3<br>(0.170)   | 7.5<br>(0.295) | 5.0<br>(0.195) |

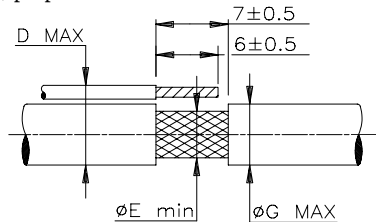
### MATERIALS

1. INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked modified polyvinylidene fluoride.
2. SOLDER PREFORM WITH FLUX:  
 SOLDER: TYPE Sn63 per ANSI-J-STD-006.  
 FLUX: TYPE ROM1 per ANSI-J-STD-004.
3. MELTABLE SEALING RINGS: Modified polyvinylidene fluoride. Color: blue.

### APPLICATION

1. These controlled soldering devices are designed for the termination of a tin plated copper shield of a cable having an insulation rated for at least +125°C.
2. Temperature range: -65°C to +150°C. For application tooling, contact your local Raychem technical service.

For best results, prepare the cable as shown:



\* A trademark of Raychem Corporation.

|                                                                                                      |                                           |                                                                                                                                                    |                                                                              |                                                                 |            |                     |  |
|------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|-----------------------------------------------------------------|------------|---------------------|--|
| <b>Raychem</b>                                                                                       |                                           | <b>THERMOFIT<br/>DEVICES</b>                                                                                                                       | Raychem Corporation<br>300 Constitution Drive<br>Menlo Park, CA 94025<br>USA | TITLE:<br><b>SOLDERSLEEVE* DEVICE<br/>WITH LOCALIZED SOLDER</b> |            |                     |  |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS.<br>INCHES DIMENSIONS ARE BETWEEN BRACKETS. |                                           |                                                                                                                                                    |                                                                              | DOCUMENT NO.: <b>B-013-8X</b>                                   |            |                     |  |
| TOLERANCES:<br>0.00 N/A<br>0.0 N/A<br>0 N/A                                                          | ANGLES: N/A<br><br>ROUGHNESS IN<br>MICRON | Raychem reserves the right to amend this<br>drawing at any time. Users should evaluate<br>the suitability of the product for their<br>application. |                                                                              | DCR NUMBER:<br>D980891                                          |            | REPLACES:<br>B0138X |  |
| DRAWN BY:<br>M. FORONDA                                                                              | DATE:<br>07/10/98                         | PROD. REV.<br>SEE TABLE                                                                                                                            | DOC ISSUE:<br>2                                                              | SCALE:<br>None                                                  | SIZE:<br>A | SHEET:<br>1 of 1    |  |

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