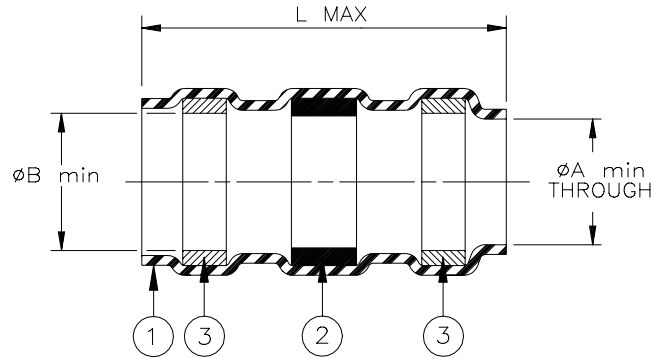


## SPECIFICATION CONTROL DRAWING



| Product Revision |   | Product Dimensions |                 |                 | Cable Dimensions |                |                |                 |                    |                    |
|------------------|---|--------------------|-----------------|-----------------|------------------|----------------|----------------|-----------------|--------------------|--------------------|
| Product Name     |   | øA<br>min          | øB<br>min       | L<br>max        | D<br>max         | øE<br>min      | øF<br>min      | øG<br>max       | H±0.5<br>(H±0.020) | J±0.5<br>(J±0.020) |
| B-150-03-S       | A | 2.5<br>(0.098)     | 3.0<br>(0.118)  | 18.5<br>(0.728) | 3.0<br>(0.118)   | 1.5<br>(0.059) | 1.0<br>(0.039) | 2.5<br>(0.098)  | 6.0<br>(0.236)     | 7.0<br>(0.275)     |
| B-150-05-S       | A | 4.3<br>(0.169)     | 4.8<br>(0.189)  | 18.5<br>(0.728) | 4.8<br>(0.189)   | 2.0<br>(0.078) | 1.5<br>(0.059) | 4.3<br>(0.169)  | 6.0<br>(0.236)     | 7.0<br>(0.275)     |
| B-150-07-S       | A | 6.8<br>(0.267)     | 7.3<br>(0.287)  | 21.0<br>(0.827) | 7.3<br>(0.287)   | 3.3<br>(0.130) | 2.8<br>(0.110) | 6.8<br>(0.267)  | 8.0<br>(0.315)     | 9.0<br>(0.354)     |
| B-150-11-S       | A | 10.8<br>(0.425)    | 11.5<br>(0.452) | 28.5<br>(1.122) | 11.5<br>(0.452)  | 4.5<br>(0.177) | 4.0<br>(0.157) | 10.8<br>(0.425) | 8.0<br>(0.315)     | 9.0<br>(0.354)     |

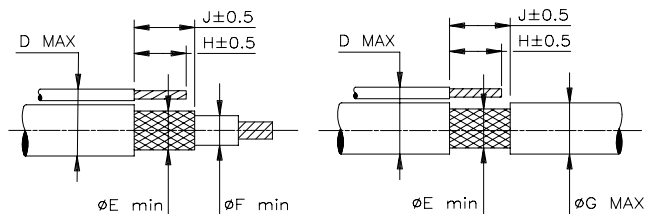
### MATERIALS

1. INSULATION SLEEVE: Heat-shrinkable, transparent clear, radiation cross-linked modified polyolefin.
2. SOLDER PREFORM WITH FLUX.  
 SOLDER: TYPE Cd18 per ANSI-J-STD-006.  
 FLUX: TYPE ROM1 per ANSI-J-STD-004.
3. MELTABLE SEALING RINGS: Thermally stabilized thermoplastic.

### APPLICATION

1. These controlled soldering devices are designed for termination of a bare or tin plated copper shield on a cable having an insulation rated for at least +85°C.
2. Temperature range: -55°C to +125°C.  
 For installation procedure and application equipment, consult RPIP-688-00.

For best results, prepare the cable as shown:



\* A trademark of Raychem Corporation.

|                                                                                                      |  |                                           |  |                                                                                                                                                    |  |                                                                                                  |  |                          |  |            |  |                  |  |
|------------------------------------------------------------------------------------------------------|--|-------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------|--|--------------------------|--|------------|--|------------------|--|
| <b>Raychem</b>                                                                                       |  | THERMOFIT<br>DEVICES                      |  | Raychem Corporation<br>300 Constitution Drive<br>Menlo Park, CA 94025<br>USA                                                                       |  | TITLE:<br><b>SOLDERSLEEVE* DEVICE<br/>LOW-FIRE-HAZARD SHIELD TERMINATION<br/>LOW TEMPERATURE</b> |  |                          |  |            |  |                  |  |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS.<br>INCHES DIMENSIONS ARE BETWEEN BRACKETS. |  |                                           |  |                                                                                                                                                    |  | DOCUMENT NO : <b>B-150-XX-S</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><br>D980573                                                                       |  | REPLACES:<br><br>B150XXS |  |            |  |                  |  |
| DRAWN BY:<br>M. FORONDA                                                                              |  | DATE:<br>06/29/98                         |  | REV.<br>SEE TABLE                                                                                                                                  |  | DOC ISSUE:<br>1                                                                                  |  | SCALE:<br>None           |  | SIZE:<br>A |  | SHEET:<br>1 of 1 |  |

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