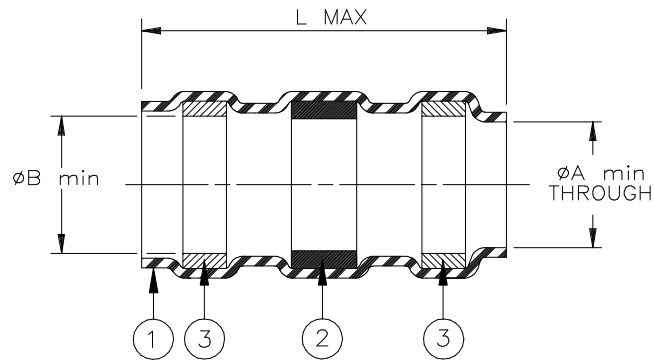


## SPECIFICATION CONTROL DRAWING



| Product Revision |   | Product Dimensions |                 |                 | Cable Dimensions |                 |                 |                 |                 |                 |
|------------------|---|--------------------|-----------------|-----------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Product Name     |   | ØA min             | ØB min          | L max           | D max            | ØE min          | ØF min          | ØG max          | H±0.5 (H±0.020) | J±0.5 (J±0.020) |
| B-150-03         | D | 2.5<br>(0.098)     | 3.0<br>(0.118)  | 24.5<br>(0.964) | 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         | F | 4.3<br>(0.169)     | 4.8<br>(0.189)  | 29.3<br>(1.153) | 4.8<br>(0.189)   | 2.0<br>(0.078)  | 1.5<br>(0.059)  | 4.3<br>(0.169)  | 8.0<br>(0.315)  | 9.0<br>(0.354)  |
| B-150-07         | F | 6.8<br>(0.267)     | 7.3<br>(0.287)  | 32.5<br>(1.279) | 7.3<br>(0.287)   | 3.3<br>(0.130)  | 2.8<br>(0.110)  | 6.8<br>(0.267)  | 10.0<br>(0.393) | 11.0<br>(0.433) |
| B-150-11         | E | 10.8<br>(0.425)    | 11.5<br>(0.452) | 35.5<br>(1.397) | 11.5<br>(0.452)  | 4.5<br>(0.177)  | 4.0<br>(0.157)  | 10.8<br>(0.425) | 12.0<br>(0.472) | 13.0<br>(0.512) |
| B-150-13         | A | 13.0<br>(0.512)    | 15.1<br>(0.594) | 45.5<br>(1.79)  | 15.1<br>(0.594)  | 7.0<br>(0.275)  | 6.5<br>(0.256)  | 13.0<br>(0.512) | 16.0<br>(0.630) | 17.0<br>(0.669) |
| B-150-17         | A | 17.0<br>(0.669)    | 19.0<br>(0.748) | 55.5<br>(2.165) | 18.0<br>(0.748)  | 9.0<br>(0.354)  | 8.0<br>(0.315)  | 16.0<br>(0.630) | 21.0<br>(0.827) | 23.0<br>(0.905) |
| B-150-23         | A | 22.5<br>(0.885)    | 24.5<br>(0.964) | 80.0<br>(3.149) | 23.5<br>(0.925)  | 12.0<br>(0.472) | 11.0<br>(0.433) | 21.5<br>(0.846) | 29.0<br>(1.142) | 31.0<br>(1.220) |
| B-150-33         | B | 33.0<br>(1.299)    | 35.0<br>(1.380) | 80.0<br>(3.149) | 34.0<br>(1.338)  | 19.0<br>(0.748) | 17.0<br>(0.689) | 32.0<br>(1.259) | 29.0<br>(1.142) | 31.0<br>(1.220) |

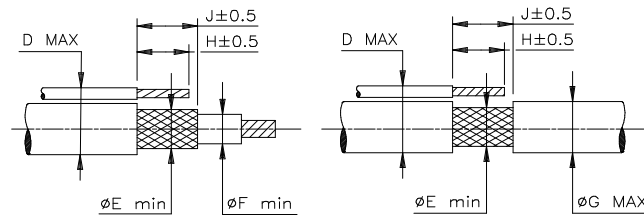
### MATERIALS

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

### APPLICATION

- 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.
- 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 TE connectivity.

|                                                                                                      |                                                      |                                                                                                                                                   |                                                                                                            |                       |                               |                            |
|------------------------------------------------------------------------------------------------------|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------------------|-------------------------------|----------------------------|
|                                                                                                      |                                                      | <b>THERMOFIT DEVICES</b><br>TE Connectivity<br>300 Constitution Drive<br>Menlo Park, CA 94025<br>USA                                              | <b>TITLE: SOLDERSLLEEVE* DEVICE</b><br><b>LOW-FIRE-HAZARD SHIELD TERMINATION</b><br><b>LOW TEMPERATURE</b> |                       |                               |                            |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS.<br>INCHES DIMENSIONS ARE BETWEEN BRACKETS. |                                                      |                                                                                                                                                   |                                                                                                            |                       | <b>DOCUMENT NO : B-150-XX</b> |                            |
| <b>TOLERANCES:</b><br>0.00 N/A<br>0.0 N/A<br>0 N/A                                                   | <b>ANGLES:</b> N/A<br><br><b>ROUGHNESS IN MICRON</b> | TE Connectivity reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application. |                                                                                                            |                       | <b>DCR NUMBER:</b><br>D980574 | <b>REPLACES:</b><br>B150XX |
| <b>DRAWN BY:</b><br>M. FORONDA                                                                       | <b>DATE:</b><br>06/29/98                             | <b>REV.</b><br>SEE TABLE                                                                                                                          | <b>DOC ISSUE:</b><br>3                                                                                     | <b>SCALE:</b><br>None | <b>SIZE:</b><br>A             | <b>SHEET:</b><br>1 of 1    |

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