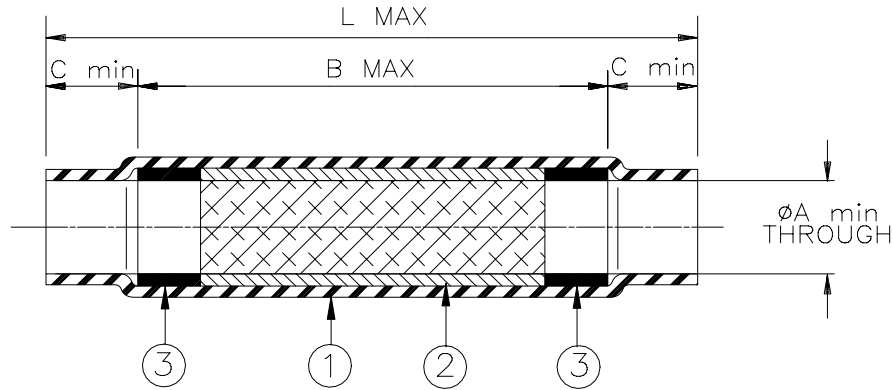


## SPECIFICATION CONTROL DRAWING



| Product Revision |   | Product Dimensions |                 |                 |                 | Cable Dimensions |                 |                 |                 |                 |
|------------------|---|--------------------|-----------------|-----------------|-----------------|------------------|-----------------|-----------------|-----------------|-----------------|
| Product Name     |   | øA min.            | B max.          | C min.          | L max.          | øE max.          | øF min.         | øF max.         | M min.          | N max.          |
| D-153-6001*      | A | 9.0<br>(0.355)     | 25.0<br>(0.985) | 12.7<br>(0.500) | 58.0<br>(2.285) | 9.0<br>(0.355)   | 5.0<br>(0.195)  | 8.4<br>(0.330)  | 10.0<br>(0.395) | 35.0<br>(1.380) |
| D-153-6002*      | A | 12.0<br>(0.470)    | 25.0<br>(0.985) | 17.7<br>(0.695) | 68.0<br>(2.700) | 12.0<br>(0.470)  | 7.0<br>(0.275)  | 11.4<br>(0.450) | 10.0<br>(0.395) | 35.0<br>(1.380) |
| D-153-6003       | A | 15.0<br>(0.590)    | 47.0<br>(1.185) | 12.7<br>(0.500) | 81.0<br>(3.200) | 15.0<br>(0.590)  | 10.2<br>(0.400) | 14.3<br>(0.560) | 12.5<br>(0.490) | 52.0<br>(2.050) |
| D-153-6004       | A | 18.0<br>(0.705)    | 47.0<br>(1.185) | 12.7<br>(0.500) | 81.0<br>(3.200) | 18.0<br>(0.705)  | 12.3<br>(0.485) | 17.0<br>(0.670) | 12.5<br>(0.490) | 52.0<br>(2.050) |
| D-153-6005       | A | 21.0<br>(0.825)    | 59.0<br>(2.320) | 12.7<br>(0.500) | 94.0<br>(3.700) | 21.0<br>(0.825)  | 14.7<br>(0.580) | 19.8<br>(0.780) | 15.0<br>(0.590) | 63.0<br>(2.480) |
| D-153-6006       | A | 25.0<br>(0.985)    | 59.0<br>(2.320) | 12.7<br>(0.500) | 94.0<br>(3.700) | 25.0<br>(0.985)  | 17.5<br>(0.690) | 23.7<br>(0.935) | 15.0<br>(0.590) | 63.0<br>(2.480) |
| D-153-6007       | A | 30.0<br>(1.180)    | 59.0<br>(2.320) | 12.7<br>(0.500) | 94.0<br>(3.700) | 30.0<br>(1.180)  | 21.0<br>(0.820) | 28.6<br>(1.125) | 15.0<br>(0.590) | 63.0<br>(2.480) |

\* Parts without item (3).

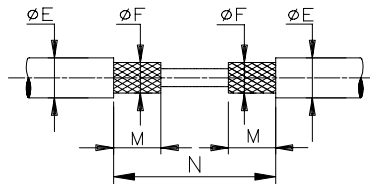
### MATERIALS

- INSULATION SLEEVE: Heat-shrinkable, transparent clear, radiation cross-linked modified polyolefin high density.
- SHIELD: Solder impregnated, flux coated, tin plated copper braid.  
SOLDER: TYPE Sn63 per ANSI-J-STD-006.  
FLUX: TYPE ROM1 per ANSI-J-STD-004.
- SOLDER PREFORM WITH FLUX:  
SOLDER: TYPE Sn63 per ANSI-J-STD-006.  
FLUX: TYPE ROM1 per ANSI-J-STD-004.

### APPLICATION

- These parts are designed to provide an in-line splice between the shield of cables, rated for 125°C minimum, meeting the dimensional criteria listed, having tin, silver or nickel plated copper shields.
- Temperature range: -55°C to +135°C. Install using Raychem-approved convection heating tools.

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>SOLDERSHIELD* SPLICE</b> |                       |                  |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS.<br>INCHES DIMENSIONS ARE BETWEEN BRACKETS. |   |  |  | DOCUMENT NO.: <b>D-153-60XX</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>D981019                | REPLACES:<br>D15360XX |                  |
| DRAWN BY:<br>M. FORONDA  | DATE:<br>06/15/98                         | PROD. REV.<br>SEE TABLE  | DOC ISSUE:<br>1  | SCALE:<br>None                        | SIZE:<br>A            | SHEET:<br>1 of 1 |

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