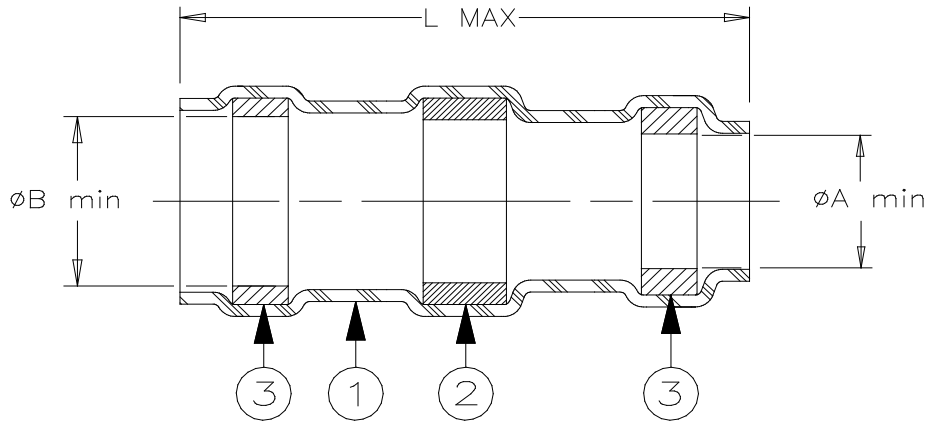


## CUSTOMER DRAWING



| Product Name | Product Dimensions |                |                | Cable Dimensions |                |                |                  |
|--------------|--------------------|----------------|----------------|------------------|----------------|----------------|------------------|
|              | L<br>max           | A<br>min       | B<br>min       | D<br>max         | E<br>min       | G<br>max       | J±0.5<br>(±0.02) |
| D-144-25     | 15.75<br>(0.620)   | 1.9<br>(0.075) | 2.4<br>(0.095) | 2.4<br>(0.095)   | 1.4<br>(0.055) | 1.9<br>(0.075) | 7<br>(0.275)     |

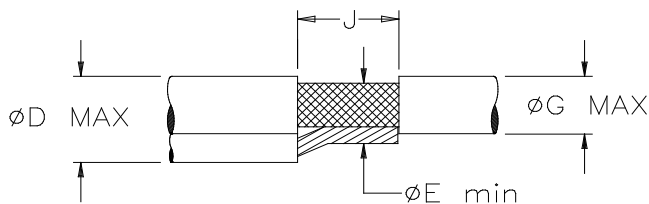
### MATERIAL


- INSULATION SLEEVE: Heat-shrinkable, radiation cross-linked polyvinylidene fluoride. Transparent blue.
- SOLDER PREFORM WITH FLUX:  
SOLDER: TYPE Sn63 per ANSI J-STD-006.  
FLUX: TYPE ROL0 per ANSI J-STD-004.
- MELTABLE RINGS: Thermally stabilized thermoplastic. Color: gray.

### APPLICATION

- 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 copper shields.
- Temperature range: -55°C to +150°C.
- Install using TE Connectivity-approved convection or infrared tools in accordance with Raychem assembly procedure RCPS-100-70.
- Assemblies will meet requirements of Raychem specification RT-1404 and National Aerospace Standard NAS-1747.

For best results, prepare the cable as shown:



|  |   |  |                   |  |                          |  |
|--|---|--|-------------------|--|--------------------------|--|
|                     |   | <b>Raychem</b><br>THERMOFIT<br>DEVICES   |                   | TITLE:<br><b>SOLDERSLEEVE*<br/>SHIELD TERMINATOR</b> |                          |  |
| Unless otherwise specified dimensions are in millimeters.<br>[Inches dimensions are shown in brackets] |   |  |                   | DOCUMENT NO.:<br><b>D-144-25</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 | TE Connectivity reserves the right to<br>amend this drawing at any time.<br>Users should evaluate the suitability<br>of the product for their application. |                   | REV:<br><br>4  | DATE:<br><br>09-Mar-2020 |  |
| DRAWN BY:<br>R. MAPALO   | DATE:<br>14-Jul-1998                      | ECO:<br>ECO-20-003687  | SCALE:<br><br>NTS | SIZE:<br><br>A                                       | SHEET:<br><br>1 of 1     |  |

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