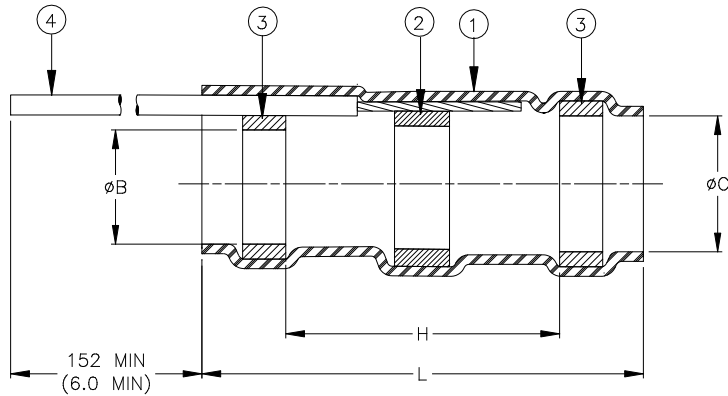


CUSTOMER DRAWING



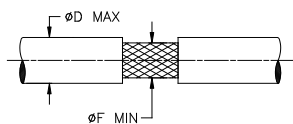
| Product Name | Component Dimensions | | | | | Cable Dimensions | | | |
|--------------|----------------------|--------------------|-----------------|-----------------|-----------------|------------------|-----------------|-----------------|-----------------|
| | Ident. Code | L±1.75 (L±0.07) | Ø B min | Ø C min | H min | Ø D max | Ø E max | Ø F min | Ø G max |
| S02-07-R-XX | SIZE2R | 16.5 (0.650) | 2.65 (0.105) | 3.68 (0.140) | 8.25 (0.325) | 2.65 (0.105) | 3.68 (0.140) | 1.40 (0.055) | 0.72 (0.030) |
| S02-08-R-XX | SIZE3R | 16.5 (0.650) | 4.30 (0.170) | 5.08 (0.200) | 8.25 (0.325) | 4.30 (0.170) | 5.08 (0.200) | 2.15 (0.085) | 1.25 (0.050) |
| S02-10-R-XX | SIZE5R | 19.1 (0.750) | 7.00 (0.275) | 7.60 (0.300) | 8.25 (0.325) | 7.00 (0.275) | 7.60 (0.300) | 4.30 (0.170) | 2.50 (0.100) |

MATERIALS

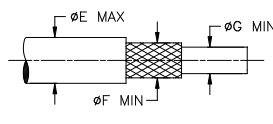
1. INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked modified polyvinylidene fluoride.
2. SOLDER PREFORM WITH FLUX:
SOLDER: TYPE Sn63 per ANSI J-STD-006.
FLUX: TYPE ROL1 per ANSI-J-STD-004.
THERMAL INDICATOR: Color change violet to colorless.
3. MELTABLE RINGS: Thermally stabilized thermoplastic. Color: blue.
4. PRE-INSTALLED LEAD: RAYCHEM 55A0111-22-XX* in accordance with MIL-W-22759/32-22-XX*
*XX: Part name and lead callout shall be replaced with lead color designation per MIL-STD-681.
Colors available: solid and with single stripe.

APPLICATION

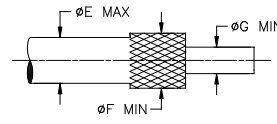
1. These parts are designed to provide an environment protected shield termination on cables, rated for 105°C minimum, meeting the dimensional criteria listed and having tin or silver plated shields and insulation compatible with the insert material. For compatible insulations, see SAE-AS83519/2 or consult TE Connectivity.
2. When installed per Raychem process standard RCPS-100-70, assemblies will meet those requirements of Raychem Specification RT-1404 and SAE-AS83519/2.
3. For assembly information, refer to Raychem document RCPS-100-70.
4. Parts shall be marked with identification code per table.
For best results, prepare the cable as shown:
- Strip length of shield: 6.35 – 8.25 (.250 - .325)
- Use methods (a) or (b) with cable rated for 125°C and above. Use method (c) for cables rated for 105°C and cable with spiral wrapped shields.




a) Window Strip



b) End Strip



c) End Strip with Fold Back

| | | | | | |
|--|---|--|-------------------|---|---------------------------|
|  | | Raychem THERMOFIT DEVICES | | TITLE: SOLDERSLEEVE* SHIELD TERMINATION ENVIRONMENT RESISTANT WITH LEAD | |
| Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets] | | | | DOCUMENT NO.: S02-07/08/-10-R-XX | |
| TOLERANCES: 0.00 N/A 0.0 N/A 0 N/A | ANGLES: N/A ROUGHNESS IN MICRON | TE Connectivity reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application. | | REV : A | DATE : 01-DEC-2021 |
| DRAWN BY: MALLIKA.D | DATE: 19-NOV-21 | ECN: ECN-21-128737 | SCALE: NTS | SIZE: A | SHEET: 1 of 1 |

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