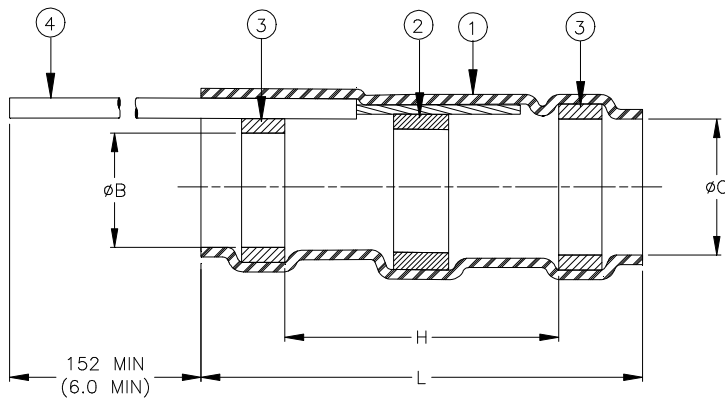


SPECIFICATION CONTROL DRAWING



| Product Revision | | Component Dimensions | | | | | Cable Dimensions | | | |
|------------------|-------------|----------------------------------|-----------------|-----------------|-----------------|-----------------|------------------|-----------------|-----------------|--|
| Product Name | Ident. Code | $L \pm 1.75$ ($L \pm 0.07$) | ϕB min | ϕC min | H min | ϕD max | ϕE max | ϕF min | ϕG 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) | |

* Consult Raychem for individual product revision. Contains more than 1 part name.

MATERIALS

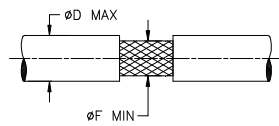
- INSULATION SLEEVE:** Heat-shrinkable, transparent blue, radiation cross-linked modified polyvinylidene fluoride.
- SOLDER PREFORM WITH FLUX:**
 SOLDER: TYPE Sn63 per ANSI J-STD-006.
 FLUX: TYPE ROL1 per ANSI-J-STD-004.
 THERMAL INDICATOR: Color change violet to colorless.
- MELTABLE RINGS:** Thermally stabilized thermoplastic. Color: blue.
- PRE-INSTALLED LEAD:** MIL-W-22759/32-22-XX*. (Raychem 55A0111-22-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

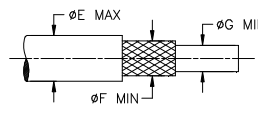
- These parts are designed to provide an environment protected shield termination on cables, rated for 105°C minimum, meeting the dimensional criteria listed and having tin or silver plated shields and insulation compatible with the insert material. For compatible insulations, see SAE-AS83519/2 or consult Raychem.
- When installed per Raychem process standard RCPS-100-70, assemblies will meet those requirements of Raychem Specification RT-1404 and SAE-AS83519/2.
- For assembly information, refer to Raychem document RCPS-100-70.
- Parts shall be marked with identification code per table.

For best results, prepare the cable as shown:

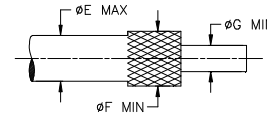
- Strip length of shield: 6.35 – 8.25 (.250 - .325)
- Use methods (a) or (b) with cable rated for 125°C and above. Use method (c) for cables rated for 105°C and cable with spiral wrapped shields.




a) Window Strip



b) End Strip



c) End Strip with Fold Back

| | | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------------------------------------------------------------------------|------------|------------------|--|
|  300 Constitution Drive Menlo Park, CA 94025, USA | | THERMOFIT DEVICES | | TITLE: SOLDERSLEEVE SHIELD TERMINATION ENVIRONMENT RESISTANT WITH LEAD | | | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. INCHES DIMENSIONS ARE BETWEEN 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. | | DCR NUMBER: D000419 | | REPLACES: N/A | |
| DRAWN BY: M. FORONDA | DATE: 27-Sept-00 | PROD. REV. SEE TABLE | DOC ISSUE: 2 | SCALE: None | SIZE: A | SHEET: 1 of 1 | |