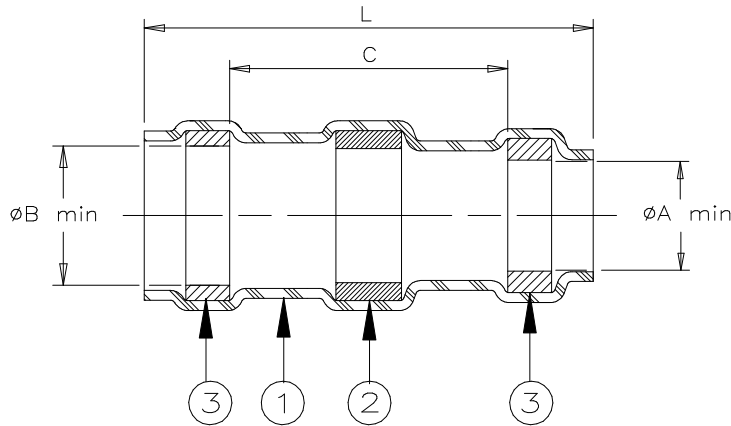




THE DATASHEET OF
S01-05-RCS453



CUSTOMER DRAWING



| Product Name | Product Dimensions | | | | Cable Dimensions | | | |
|--------------|--------------------|-----------------|-----------------|-----------------|------------------|-----------------|-----------------|-----------------|
| | L±1.75 (L±0.07) | øA min | øB min | øC min | øD max | øE max | øF min | øG min |
| S01-01-R | 16.5 (0.650) | 1.90 (0.075) | 2.65 (0.105) | 8.25 (0.325) | 1.90 (0.075) | 2.65 (0.105) | 0.90 (0.035) | 0.50 (0.020) |
| S01-02-R | 16.5 (0.650) | 2.65 (0.105) | 3.68 (0.145) | 8.25 (0.325) | 2.65 (0.105) | 3.68 (0.145) | 1.40 (0.055) | 0.72 (0.030) |
| S01-03-R | 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) |
| S01-04-R | 19.1 (0.750) | 5.95 (0.235) | 6.45 (0.255) | 8.25 (0.325) | 5.95 (0.235) | 6.45 (0.255) | 3.30 (0.130) | 1.80 (0.070) |
| S01-05-R | 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) |

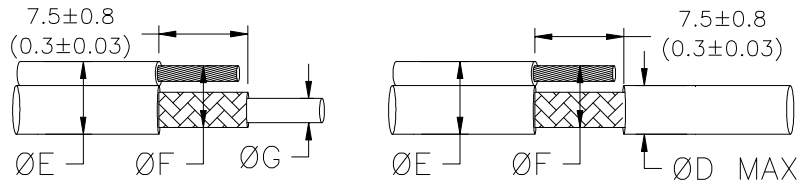
MATERIALS

- INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked modified polyvinylidene fluoride.
- SOLDER PREFORM WITH FLUX AND THERMAL INDICATOR
 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: Environment resistant thermoplastic. Color: blue.

APPLICATION

- These parts are designed to make an environment resistant shield terminations on cables meeting the following criteria:
 Dimensions: Per table. Jacket rating: 125°C.
 Shield plating: Tin or silver. Jacket material: See M83519/1 or consult Tyco Electronics/Raychem.
- Parts are qualified to M83519/1.
- For assembly information, refer to Raychem document RCPS-100-70.

For best results, prepare the cable as shown:



* A trademark of TE Connectivity.

| | | | | | |
|--|---|--|---|------------|------------------|
| | | 300 Constitution Dr Menlo Park, CA 94025, U.S.A. | TITLE: SOLDERSLEEVE* SHIELD TERMINATOR, IMMERSION RESISTANT, MIL-S-83519/1 | | |
| Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets] | | Raychem Devices | DOCUMENT NO.: S01-0X-R | | |
| 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: E1 | DATE: 12MAY11 |
| REVISED BY: UNGUYEN | CAGE CODE: 06090 | ECO NUMBER: ECO-11-005139 | SCALE: NTS | SIZE: A | SHEET: 1 of 1 |

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