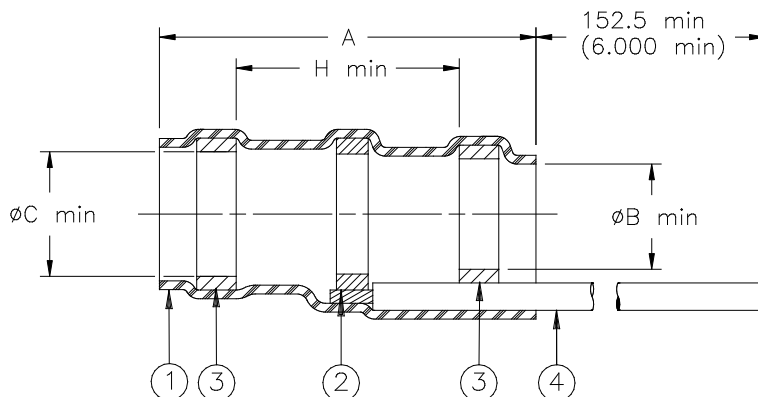


CUSTOMER DRAWING



| Product Name | Product Dimensions | | | | Cable Dimensions | | | | |
|--------------|--------------------|-----------------|-----------------|-----------------|------------------|-----------------|-----------------|-----------------|----------------|
| | A±1.75 | Ø B | Ø C | H | Ø E | Ø F | Ø G | Ø D | J±0.5 |
| 24 AWG | (A±0.07) | min | min | min | max | min | min | max | (J±0.02) |
| S02-11-R-S | 16.5 (0.650) | 1.90 (0.075) | 2.65 (0.105) | 8.25 (0.325) | 2.65 (0.105) | 0.90 (0.035) | 0.50 (0.020) | 1.90 (0.075) | 7.5 (0.295) |
| S02-12-R-S | 16.5 (0.650) | 2.65 (0.105) | 3.68 (0.145) | 8.25 (0.325) | 3.68 (0.145) | 1.40 (0.055) | 0.75 (0.030) | 2.65 (0.105) | 7.5 (0.295) |
| S02-13-R-S | 16.5 (0.650) | 4.30 (0.170) | 5.08 (0.200) | 8.25 (0.325) | 5.08 (0.200) | 2.15 (0.085) | 1.25 (0.050) | 4.30 (0.170) | 7.5 (0.295) |
| S02-14-R-S | 19.1 (0.750) | 5.95 (0.235) | 6.45 (0.255) | 8.25 (0.325) | 6.45 (0.255) | 3.30 (0.130) | 1.80 (0.070) | 5.95 (0.235) | 7.5 (0.295) |
| S02-15-R-S | 19.1 (0.750) | 7.00 (0.275) | 7.60 (0.300) | 8.25 (0.325) | 7.60 (0.300) | 4.30 (0.170) | 2.50 (0.100) | 7.00 (0.275) | 7.5 (0.295) |

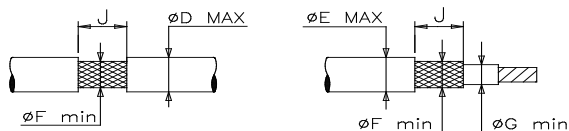
MATERIALS

- INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked 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 RING: Environment resistant thermoplastic. Color: blue.
- GROUND LEAD: RAYCHEM 55A0114 in accordance with MIL-W-22759/33. See Table for AWG. ETFE insulated, Silver-plated HSCA. COLOR White with Blue Stripe.

APPLICATION

- These parts are designed to provide an environment resistant shield termination on cables meeting the following criteria:
 Dimensions: Per table. Jacket rating: 125°C.
 Shield plating: Tin or silver. Jacket material: See M83519/2 or consult TE Connectivity.
- Parts are qualified to M83519/2.
- For assembly information, refer to Raychem document RCPS-100-70.

For best results, prepare the cable as shown:



| | | | | | |
|--|---|--|---|---------------------------|------------------|
| | | Raychem DEVICES | TITLE: SOLDERSLEEVE* SHIELD TERMINATOR, SILVER PLTD GRND WIRE IMMERSION RESISTANT, SAE-AS83519 | | |
| Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets] | | | DOCUMENT NO.: S02-XX-R-S | | |
| 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 : D | DATE : 01-DEC-2021 | |
| PREPARED BY: MALLIKA.D | CAGE CODE: 06090 | ECN: ECN-21-128737 | SCALE: NTS | SIZE: A | SHEET: 1 of 1 |

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