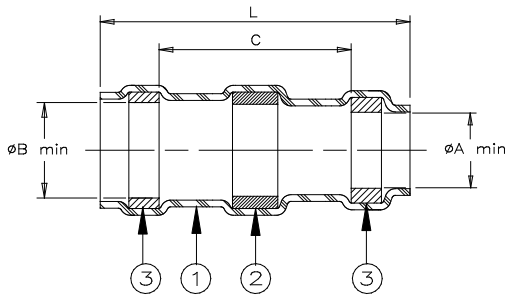
CUSTOMER DRAWING



Product Name	Product Dimensions				Cable Dimensions			
	L±1.75 (L±0.07)	Ø A min	Ø B min	C min	Ø D max	Ø E max	Ø F min	Ø G 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)

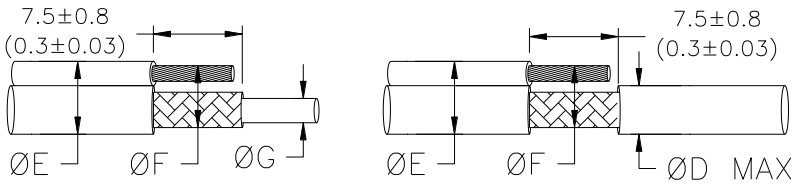
MATERIALS

1. INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked modified polyvinylidene fluoride.
2. 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.
3. MELTABLE RINGS: Environment resistant thermoplastic. Color: blue.

APPLICATION

1. These parts are designed to make 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 M83519/1 or consult TE Connectivity.
2. Parts are qualified to M83519/1.
3. For assembly information, refer to Raychem document RCPS-100-70.

For best results, prepare the cable as shown:



	Raychem THERMOFIT DEVICES	TITLE: **SOLDERSLEEVE* SHIELD TERMINATOR, IMMERSION RESISTANT, MIL-S-83519/1**
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets]		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: F; DATE: 30-Mar-2020
PREPARED BY: *UNGUYEN*; CAGE CODE: 06090; ECO: ECO-20-004510		SCALE: NTS; SIZE: A; SHEET: 1 of 1

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