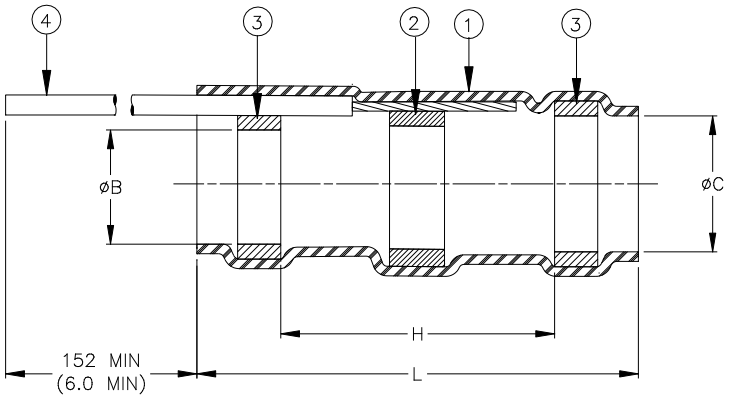
CUSTOMER DRAWING



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

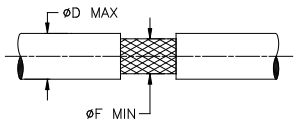
1. INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked modified polyvinylidene fluoride.
2. SOLDER PREFORM WITH FLUX:
   SOLDER: TYPE Sn63 per ANSI J-STD-006.
   FLUX: TYPE ROL1 per ANSI-J-STD-004.
   THERMAL INDICATOR: Color change violet to colorless.
3. MELTABLE RINGS: Thermally 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

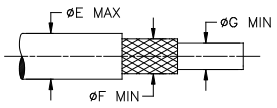
1. These parts are designed to provide an environment protected shield termination on cables, rated for 105°C minimum, meeting the dimensional criteria listed and having tin or silver plated shields and insulation compatible with the insert material. For compatible insulations, consult TE Connectivity.
2. When installed per Raychem process standard RCPS-100-70, assemblies will meet those requirements of Raychem Specification RT-1404.
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:

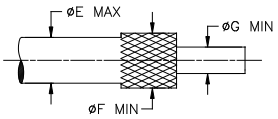
- Strip length of shield: 6.35 – 8.25 (.250 - .325)
- Use methods (a) or (b) with cable rated for 125°C and above. Use method (c) for cables rated for 105°C and cable with spiral wrapped shields.



a) Window Strip



b) End Strip



c) End Strip with Fold Back

TE connectivity	***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 : A1	DATE : 27OCT2023	
DRAWN BY: D. MALLIKA	DATE: 19NOV2021	ECN: ECN-23-234831	SCALE: NTS	SIZE: A	SHEET: 1 of 1

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