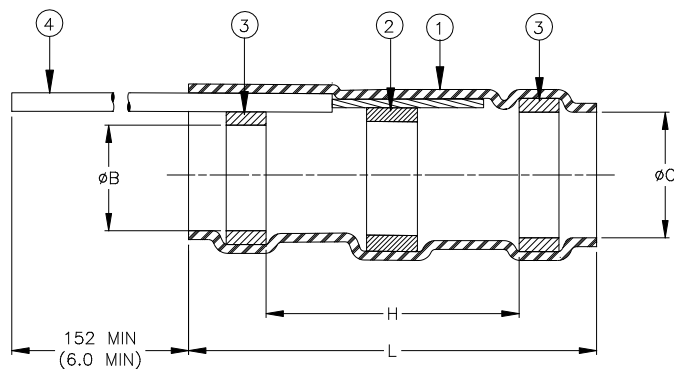


## CUSTOMER DRAWING



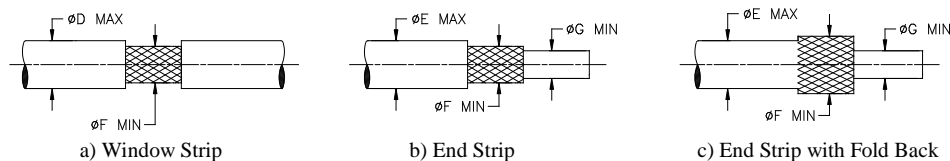
Product Name	Component Dimensions					Cable Dimensions			
	Ident. Code	L±1.75 (L±0.07)	H min	Ø B min	Ø C min	Ø D max	Ø E max	Ø F min	Ø G max
S02-17-R-XX	SZ2A26	16.50 (0.650)	8.25 (0.325)	2.65 (0.105)	3.68 (0.145)	2.65 (0.105)	3.68 (0.145)	1.40 (0.055)	0.72 (0.030)
S02-18-R-XX	SZ3A26	16.50 (0.650)	8.25 (0.325)	4.30 (0.170)	5.08 (0.200)	4.30 (0.170)	5.08 (0.200)	2.15 (0.085)	1.25 (0.050)
S02-20-R-XX	SZ5A26	19.10 (0.750)	8.25 (0.325)	7.00 (0.275)	7.60 (0.300)	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 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.
- SEALING RINGS: Environment resistant thermoplastic. Color: blue.
- PRE-INSTALLED LEAD: RAYCHEM 55A0111-26-XX\* in accordance with MIL-W-22759/32-26-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 TE Connectivity.
- 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 (0.250 - 0.325)
  - 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.



		<b>Raychem</b> THERMOFIT DEVICES	TITLE: <b>SOLDERSLEEVE* SHEILD TREMINATION ENVIRONMENT RESISTANT WITH LEAD</b>		
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets]			DOCUMENT NO.:		
			<b>S02-17/-18/-20-R-XX</b>		
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 :  A	DATE :  01-DEC-2021	
DRAWN BY: MALLIKA.D	DATE: 19-NOV-21	ECN: ECN-21-128737	SCALE: NTS	SIZE: A	SHEET: 1 of 1

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