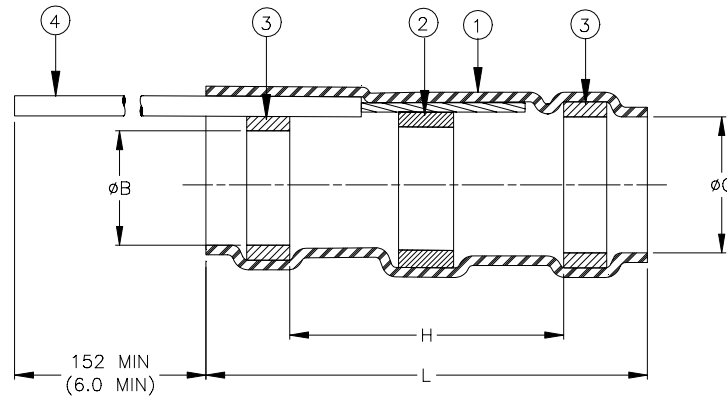


SPECIFICATION CONTROL DRAWING



Product Revision		Component Dimensions					Cable Dimensions			
Product Name		Ident. Code	$L \pm 1.75$ ($L \pm 0.07$)	H min	ϕB min	ϕC min	ϕD max	ϕE max	ϕF min	ϕG 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)

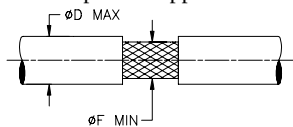
* Consult Raychem for individual product revision. Contains more than 1 part name.

MATERIALS

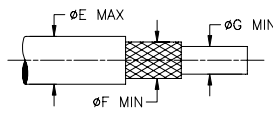
- INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked polyvinylidene fluoride.
- SOLDER PREFORM WITH FLUX AND THERMAL INDICATOR:
SOLDER: TYPE Sn63 per ANSI J-STD-006.
FLUX: TYPE ROL1 per ANSI-J-STD-004.
THERMAL INDICATOR: Color change violet to colorless.
- SEALING RINGS: Environment resistant thermoplastic. Color: blue.
- PRE-INSTALLED LEAD: MIL-W-22759/32-26-XX*. (Raychem 55A0111-26-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

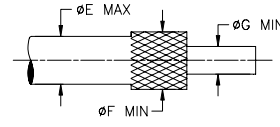
- These parts are designed to provide an environment protected shield termination on cables, rated for 105°C minimum, meeting the dimensional criteria listed and having tin or silver plated shields and insulation compatible with the insert material.
For compatible insulations, see SAE-AS83519/2 or consult Raychem.
- 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.



a) Window Strip



b) End Strip



c) End Strip with Fold Back

tyco / Electronics / Raychem 307 Constitution Drive Menlo Park, CA 94025, USA			Wire and Harnessing Products		TITLE : SOLDERSLEEVE SHIELD TERMINATION ENVIRONMENT RESISTANT WITH LEAD			
Unless otherwise specified dimensions are in millimeters. Inches dimensions are in between brackets.					DOCUMENT NO.: S02-17/-18/-20-R-XX			
TOLERANCES:	ANGLES: N/A	Tyco Electronics reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application.			DCR NUMBER:		REPLACES:	
0.00 N/A	ROUGHNESS IN				D010447		N/A	
0.0 N/A	MICRON							
0 N/A								
DRAWN BY:		DATE:	PROD. REV.		DOC ISSUE:	SCALE:	SIZE:	SHEET:
M. FORONDA		July 31, 2001	SEE TABLE		1	None	A	1 of 1

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