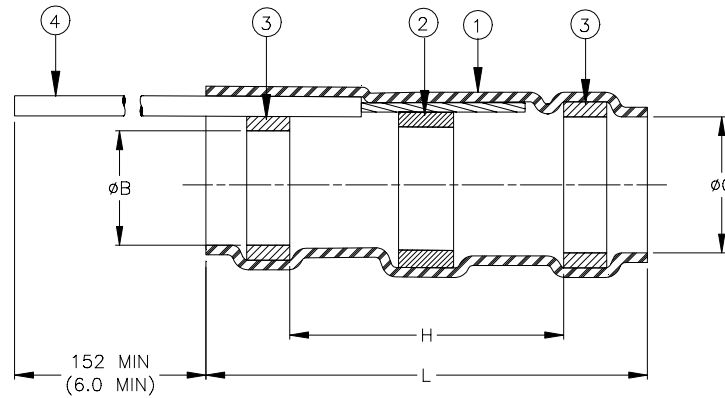


SPECIFICATION CONTROL DRAWING



| 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) |

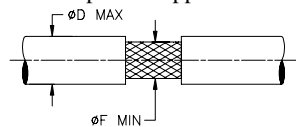
* Consult Raychem for individual product revision. Contains more than 1 part name.

MATERIALS

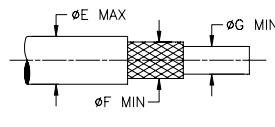
- INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked polyvinylidene fluoride.
- SOLDER PREFORM WITH FLUX AND THERMAL INDICATOR:
SOLDER: TYPE Sn63 per ANSI J-STD-006.
FLUX: TYPE ROL1 per ANSI-J-STD-004.
THERMAL INDICATOR: Color change violet to colorless.
- SEALING RINGS: Environment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

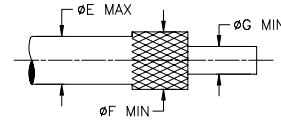
- These parts are designed to provide an environment protected shield termination on cables, rated for 105°C minimum, meeting the dimensional criteria listed and having tin or silver plated shields and insulation compatible with the insert material.
For compatible insulations, see SAE-AS83519/2 or consult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

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

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