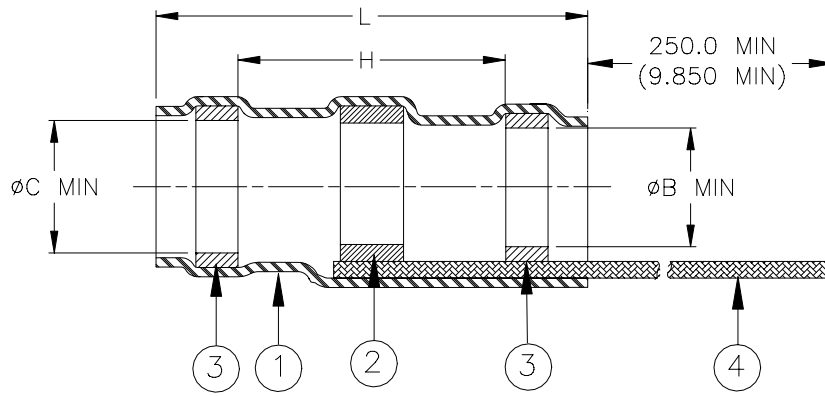


SPECIFICATION CONTROL DRAWING



| Product Revision | | Product Dimensions | | | | | Cable Dimensions | | |
|------------------|-----|--------------------|---------------------|-----------------|-----------------|-----------------|------------------|-----------------|-----------------|
| Product Name | | Ident. Code | L±1.75 (L±0.070) | øB min | øC min | H min | øE max | øF min | øD max |
| S03-11-R-100 | N/C | SIZE1R | 16.50 (0.650) | 1.90 (0.070) | 2.67 (0.105) | 8.25 (0.325) | 2.67 (0.105) | 0.90 (0.035) | 1.90 (0.070) |
| S03-12-R-100 | N/C | SIZE2R | 16.50 (0.650) | 2.67 (0.105) | 3.68 (0.145) | 8.25 (0.325) | 3.68 (0.145) | 1.40 (0.055) | 2.67 (0.105) |
| S03-13-R-100 | N/C | SIZE3R | 16.50 (0.650) | 4.32 (0.170) | 5.08 (0.200) | 8.25 (0.325) | 5.08 (0.200) | 2.15 (0.085) | 4.32 (0.170) |
| S03-14-R-100 | N/C | SIZE4R | 19.10 (0.750) | 5.97 (0.235) | 6.48 (0.255) | 8.25 (0.325) | 6.48 (0.255) | 3.30 (0.130) | 5.97 (0.235) |
| S03-15-R-100 | N/C | SIZE5R | 19.10 (0.750) | 6.98 (0.275) | 7.62 (0.300) | 8.25 (0.325) | 7.62 (0.300) | 4.32 (0.170) | 6.98 (0.275) |

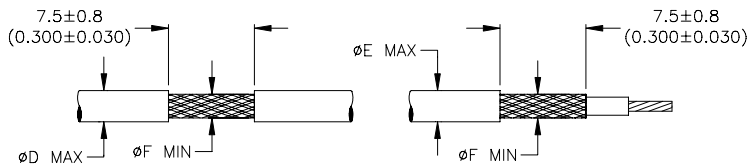
MATERIALS

- INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked modified 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.
- MELTABLE RINGS: Stabilized thermoplastic. Color: blue.
- PRE-INSTALLED BRAID: Silver-plated copper strands. CMA 640.

APPLICATION

- These parts are designed to provide an environment protected shield termination on cables, rated for 125°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 MIL-S-83519/2 or consult Tyco Electronics/Raychem.
- For installation procedure, consult Tyco Electronics/Raychem process standard RCPS-100-70.
- Temperature range: -55°C to +150°C.
- Parts shall be marked with identification code per table.

For best results, prepare the cable as shown:



| | | | | | | | |
|--|--|--|--|---|--|--|--|
| | | Tyco Electronics Corporation 300 Constitution Drive, Menlo Park, CA. 94025, U.S.A. | | | | TITLE: SOLDERSLEEVE DEVICE SHIELD TERMINATION WITH SILVER-PLATED BRAID | |
| Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets] | | | | | | DOCUMENT NO.: S03-1X-R-100 | |
| TOLERANCES: 0.00 N/A 0.0 N/A 0 N/A | | ANGLES: N/A ROUGHNESS IN MICRON | | Tyco Electronics reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application. | | | |
| PROD. REV.: SEE TABLE | | DOC. ISSUE: 0 | | DATE: 20-May-03 | | | |
| PREPARED BY: mforonda | | DCR NUMBER: D030278 | | REPLACES: N/A | | CAGE CODE: 06090 | |
| SCALE: --- | | SIZE: A | | SHEET: 1 of 1 | | | |

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