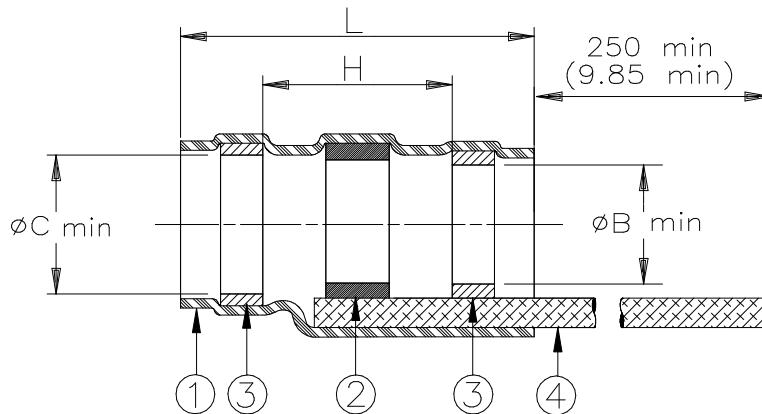


SPECIFICATION CONTROL DRAWING



| Product Revision | Ident. Code | Product Dimensions | | | | Cable Dimensions | | |
|------------------|-------------|--------------------|--------------|--------------|--------------|------------------|--------------|---------------------------|
| | | L±1.75 (L±0.07) | φB min. | φC min. | H min. | φE max. | φF min. | φD max. |
| S03-01-R-100 | G | Size1R | 16.5 (0.650) | 1.9 (0.075) | 2.65 (0.105) | 8.25 (0.325) | 2.65 (0.105) | 0.90 (0.035) 1.9 (0.075) |
| S03-02-R-100 | G | Size2R | 16.5 (0.650) | 2.65 (0.105) | 3.68 (0.145) | 8.25 (0.325) | 3.68 (0.145) | 1.40 (0.055) 2.65 (0.105) |
| S03-03-R-100 | G | Size3R | 16.5 (0.650) | 4.30 (0.170) | 5.08 (0.200) | 8.25 (0.325) | 5.08 (0.200) | 2.15 (0.085) 4.3 (0.170) |
| S03-04-R-100 | G | Size4R | 19.1 (0.750) | 5.95 (0.235) | 6.45 (0.255) | 8.25 (0.325) | 6.45 (0.255) | 3.30 (0.130) 5.95 (0.235) |
| S03-05-R-100 | G | Size5R | 19.1 (0.750) | 7.0 (0.275) | 7.6 (0.300) | 8.25 (0.325) | 7.6 (0.300) | 4.30 (0.170) 7.0 (0.275) |

MATERIALS

1. INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked modified polyvinylidene fluoride.

2. 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.

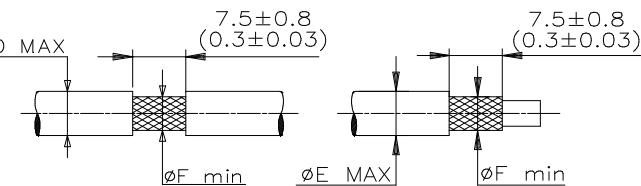
3. MELTABLE RINGS: Stabilized thermoplastic. Color: blue.

4. PRE-INSTALLED BRAID: Tin 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 Raychem.
- When installed per Raychem process standard RCPS-100-70, assemblies will meet those requirements of Raychem Specification RT-1404 and MIL-S-83519/2 which do not require electrical testing while parts are immersed in water.
- Temperature range: -55°C to +150°C.
- Parts shall be marked with identification code per table.

For best results, prepare the cable as shown:



SolderSleeves a trademark of TE Connectivity.

| | | | | | | |
|--|------------------------------------|---|--|-----------------|------------------------|--------------------------------|
|  | THERMOFIT DEVICES | TE Connectivity 300 Constitution Drive Menlo Park, CA 94025 USA | TITLE: SOLDERSLEEVE DEVICE SHIELD TERMINATION WITH BRAID | | | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. INCHES DIMENSIONS ARE BETWEEN BRACKETS. | | | DOCUMENT NO.: S03-0X-R-100 | | | |
| 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. | | | DCR NUMBER: D990968 | REPLACES: D990118 |
| DRAWN BY: M. FORONDA | DATE: 11/22/99 | PROD. REV. SEE TABLE | | DOC ISSUE: 6 | SCALE: None | SIZE: A SHEET: 1 of 1 |

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