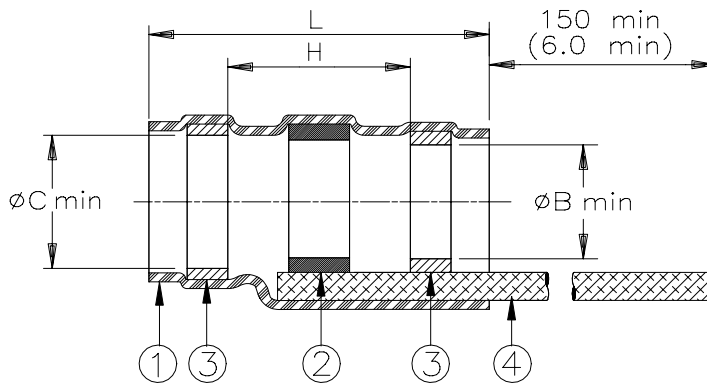


SPECIFICATION CONTROL DRAWING



| Product Revisions | | Component Dimensions | | | | | Shall Accommodate Cable with Dimensions | | |
|-------------------|---|----------------------|--------------------|-----------------|-----------------|-----------------|---|-----------------|-----------------|
| Product Name | | Ident. Code | L±1.75 (L±0.07) | øB min | øC min | H min | øE max | øF min | øD max |
| S03-01-R-9035 | A | 1-HB | 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-9035 | A | 2-HB | 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-9035 | A | 3-HB | 16.5 (0.650) | 4.3 (0.170) | 5.08 (0.200) | 8.25 (0.325) | 5.08 (0.195) | 2.15 (0.085) | 4.3 (0.170) |
| S03-04-R-9035 | A | 4-HB | 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-9035 | A | 5-HB | 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) |

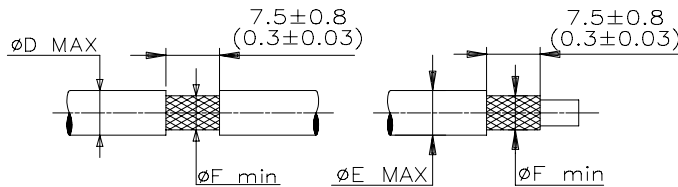
MATERIAL

1. INSULATION SLEEVE: Heat-shrinkable, radiation cross-linked modified polyvinylidene fluoride. Transparent blue.
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: Thermally stabilized thermoplastic. Color: blue.
4. PRE-INSTALLED BRAID: Tin plated copper strands. CMA 1000.

APPLICATION

1. 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.
2. 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.
3. Temperature range: -55°C to +175°C.
4. Parts shall be marked with identification code per table.

For best results, prepare the cable as shown:



*A trademark of Raychem Corporation.

| | | | | | | | |
|---|---|---|--|---|------------|----------------------|--|
| Raychem | | THERMOFIT DEVICES | Raychem Corporation 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 IN BETWEEN BRACKETS. | | | | DOCUMENT NO.: S03-0X-R-9035 | | | |
| TOLERANCES: 0.00 N/A 0.0 N/A 0 N/A | ANGLES: N/A ROUGHNESS IN MICRON | Raychem reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application. | | DCR NUMBER: D982097 | | REPLACES: D981107 | |
| DRAWN BY: M. FORONDA | DATE: 19-Jan-99 | REV.: SEE TABLE | DOC ISSUE: 2 | SCALE: None | SIZE: A | SHEET: 1 of 1 | |

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