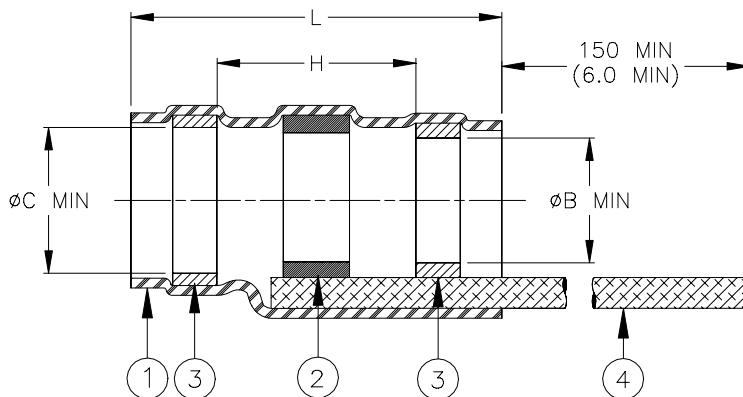


# SPECIFICATION CONTROL DRAWING



Product Revision		Component Dimensions					Shall Accommodate with Cable Dimensions		
Product Name	Ident. Code	L±1.75 (L±0.07)	øB min	øC min	H min	øE max	øF min	øD max	
S03-06-R	C	S0306R	16.50 (0.650)	1.90 (0.070)	2.65 (0.105)	8.25 (0.325)	2.65 (0.105)	0.90 (0.035)	1.90 (0.075)
S03-07-R	C	S0307R	16.50 (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)
S03-08-R	C	S0308R	16.50 (0.650)	4.30 (0.170)	5.08 (0.200)	8.25 (0.325)	5.08 (0.200)	2.15 (0.085)	4.30 (0.170)
S03-09-R	C	S0309R	19.10 (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)
S03-10-R	C	S0310R	19.10 (0.750)	7.00 (0.275)	7.60 (0.300)	8.25 (0.325)	7.60 (0.300)	4.30 (0.170)	7.00 (0.275)

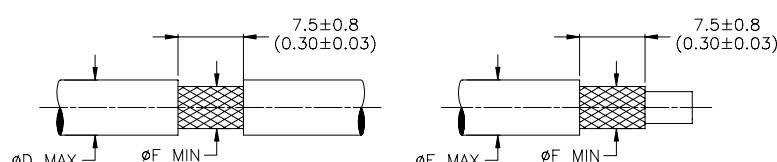
## MATERIALS

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: Nickel plated copper strands. CMA 654.

## 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 +150°C.
4. Parts shall be marked with identification code per table.

For best results, prepare the cable as shown:



SOLDERSLEEVE is a trademark of Tyco Electronics Corporation

<b>tyco</b> Electronics	Tyco Electronics Corporation 300 Constitution Drive, Menlo Park, CA. 94025, U.S.A.	<b>Raychem</b>	TITLE: <b>SOLDERSLEEVE DEVICE SHIELD TERMINATION WITH BRAID</b>		
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets]			DOCUMENT NO.: <b>S03-06/10-R</b>		
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: 3	DATE: 21-Aug-00
DRAWN BY: M. FORONDA	CAGE CODE: 06090	REPLACES: D982099	DCR NUMBER: D000418	SCALE: None	SHEET: 1 of 1

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