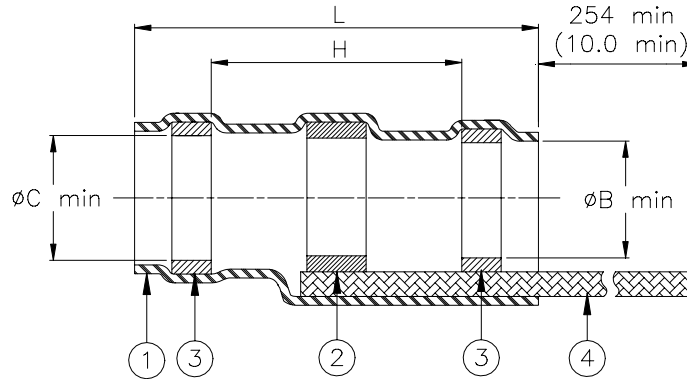


SPECIFICATION CONTROL DRAWING



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
SO63-1-01-100	A	SO631R	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)
SO63-2-01-100	A	SO632R	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)
SO63-3-01-100	A	SO633R	16.5 (0.650)	4.3 (0.170)	5.08 (0.200)	8.25 (0.325)	5.08 (0.200)	2.15 (0.085)	4.3 (0.170)
SO63-4-01-100	A	SO634R	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)
SO63-5-01-100	A	SO635R	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)

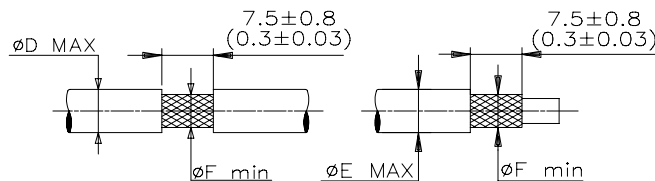
MATERIAL

1. INSULATION SLEEVE: Heat-shrinkable, radiation cross-linked modified polyvinylidene fluoride. Transparent blue.
2. SOLDER PREFORM WITH FLUX:
 - SOLDER: TYPE Sn63 per ANSI J-STD-006.
 - FLUX: TYPE ROL1 per ANSI J-STD-004.
 - THERMAL INDICATOR: Fusible ring with melt point 221°C.
3. MELTABLE RINGS: Stabilized thermoplastic. Color: blue.
4. PRE-INSTALLED BRAID: Nickel plated copper strands. CMA 640.

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:



*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.: SO63-X-01-100			
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: D990119	REPLACES: D982101		
DRAWN BY: M. FORONDA	DATE: 02/25/99	REV.: SEE TABLE	DOC ISSUE: 3	SCALE: NONE	SIZE: A	SHEET: 1 of 1	

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