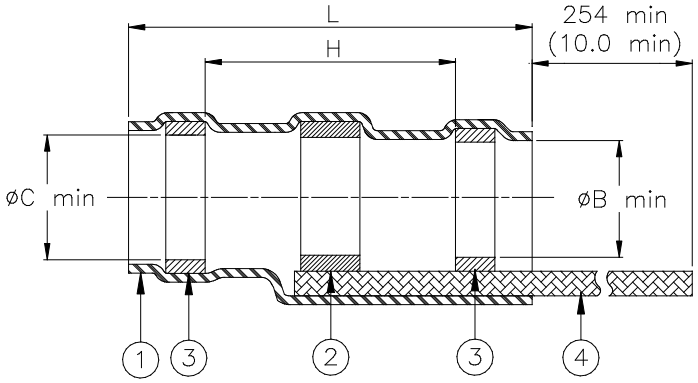
CUSTOMER DRAWING



Product Name	Component Dimensions					Shall Accommodate Cable with Dimensions		
	Ident. Code	L±1.75 (L±0.07)	øB min	øC min	H min	øE max	øF min	øD max
SO63-1-01-100	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	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	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	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	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)

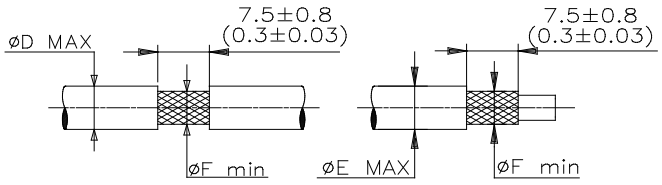
MATERIAL

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, consult Raychem.
2. When installed per Raychem process standard RCPS-100-70, assemblies will meet those requirements of Raychem Specification RT-1404 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:



TE	*Raychem* THERMOFIT DEVICES		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	TE Connectivity reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application.	Revision: 5	Issue Date: 27OCT2023		
DRAWN BY: M. FORONDA	DATE: 25FEB1999	ECN: ECN-23-234831	SCALE: NONE	SIZE: A	SHEET: 1 of 1	

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