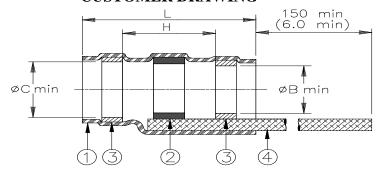
CUSTOMER DRAWING



Product		Comp	onent Dime	Shall Accommodate				
Name				Cable With Dimensions				
	Ident.	L±1.75	øΒ	øС	Н	øΕ	øF	øD
	Code	(L±0.07)	min	min	min	max	min	max
SO63-1-9030	SO631R	16.5	1.9	2.65	8.25	2.65	0.90	1.9
		(0.650)	(0.075)	(0.105)	(0.325)	(0.105)	(0.035)	(0.075)
SO63-2-9030	SO632R	16.5	2.65	3.68	8.25	3.68	1.40	2.65
		(0.650)	(0.105)	(0.145)	(0.325)	(0.145)	(0.055)	(0.105)
SO63-3-9030	SO633R	16.5	4.30	5.08	8.25	5.08	2.15	4.3
		(0.650)	(0.170)	(0.200)	(0.325)	(0.200)	(0.085)	(0.170)
SO63-4-9030	SO634R	19.1	5.95	6.45	8.25	6.45	3.30	5.95
		(0.750)	(0.235)	(0.255)	(0.325)	(0.255)	(0.130)	(0.235)
SO63-5-9030	SO635R	19.1	7.0	7.6	8.25	7.6	4.30	7.0
		(0.750)	(0.275)	(0.300)	(0.325)	(0.300)	(0.170)	(0.275)

MATERIALS

- 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.

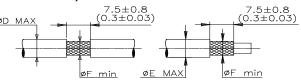
THERMAL INDICATOR: Fusible ring with melt temp of 221°C.

- 3. MELTABLE RINGS: Environment resistant thermoplastic. Color: blue.
- 4. BRAID STRAP: Tin plated copper alloy PD-135 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 +150°C.
- 4. Parts shall be marked with identification code per table.

For best results, prepare the cable as shown:



TE Connectivity, TE connectivity (logo), Raychem, and SolderSleeve are trademarks

= <u>TE</u>			Rayche	e m	SOLDERSLEEVE DEVICE SHIELD TERMINATION WITH BRAID				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. INCHES DIMENSIONS ARE BETWEEN BRACKETS.						DOCUMENT NO.: SO63-X-9030			
TOLERANCES: 0.00 N/A 0.0 N/A 0 N/A		LES: N/A GHNESS IN RON	drawing at any time. Users should evaluate the HNESS IN suitability of the product for their application.			Revision: 8	Issue Date: March 2020		
DRAWN BY: M. FOROND	ρA	CAGE CODE 06090	:	DATE: 15-Apr-11	ECO: ECO-20-004480	SCALE: None	SIZE:	SHEET: 1 of 1	