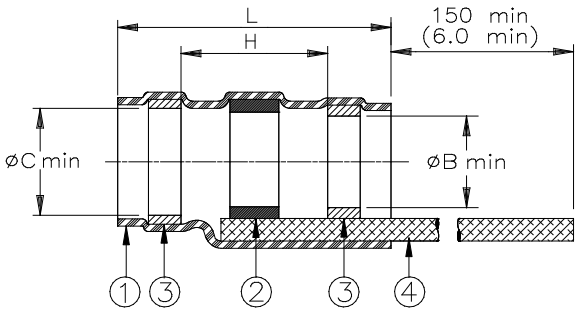
CUSTOMER DRAWING



	Component Dimensions					Shall Accommodate Cable with Dimensions		
Product Name	Ident. Code	L±1.75 (L±0.07)	Ø B min	Ø C min	H min	Ø E max	Ø F min	Ø D max
S03-01-R-9035	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	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	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	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	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)

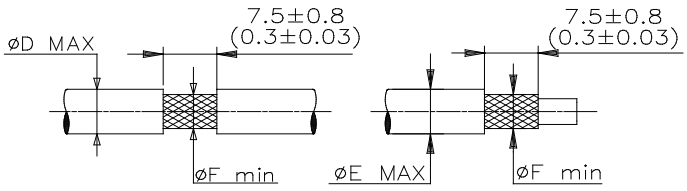
MATERIAL

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 TE Connectivity.
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:



TE connectivity	*Raychem* THERMOFIT DEVICES		TITLE: **SOLDERSLEEVE* DEVICE SHIELD TERMINATION WITH BRAID**		
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in 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	TE Connectivity reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application.	REV : 3	DATE : 30-Mar-2020	
DRAWN BY: M. FORONDA	DATE: 19-Jan-99	ECO: ECO-20-004510	SCALE: NTS	SIZE: A	SHEET: 1 of 1

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