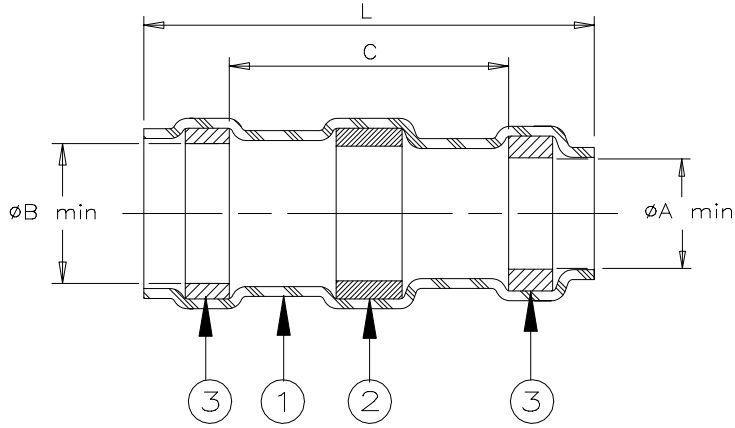


SPECIFICATION CONTROL DRAWING



Product Revision		Product Dimensions					Cable Dimensions			
Product Name		Ident. Code	L±1.75 (L±0.07)	øA min	øB min	C min	øD max	øE max	øF min	øG min
SO96-1-00	F	SO961R	16.5 (0.650)	1.90 (0.075)	2.65 (0.105)	8.25 (0.325)	1.90 (0.075)	2.65 (0.105)	0.90 (0.035)	0.50 (0.020)
SO96-2-00	F	SO962R	16.5 (0.650)	2.65 (0.105)	3.68 (0.145)	8.25 (0.325)	2.65 (0.105)	3.68 (0.145)	1.40 (0.055)	0.72 (0.030)
SO96-3-00	F	SO963R	16.5 (0.650)	4.30 (0.170)	5.08 (0.200)	8.25 (0.325)	4.30 (0.170)	5.08 (0.200)	2.15 (0.085)	1.25 (0.050)
SO96-4-00	F	SO964R	19.1 (0.750)	5.95 (0.235)	6.45 (0.255)	8.25 (0.325)	5.95 (0.235)	6.45 (0.255)	3.30 (0.130)	1.80 (0.070)
SO96-5-00	F	SO965R	19.1 (0.750)	7.00 (0.275)	7.60 (0.300)	8.25 (0.325)	7.00 (0.275)	7.60 (0.300)	4.30 (0.170)	2.50 (0.100)

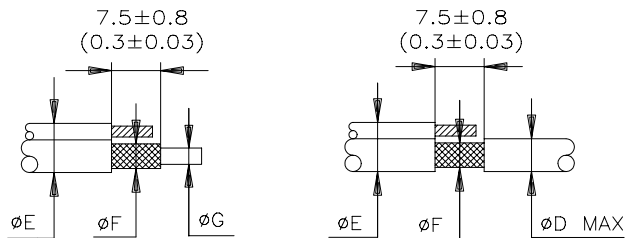
MATERIALS

- INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked modified polyvinylidene fluoride.
- SOLDER PREFORM WITH FLUX AND THERMAL INDICATOR
 SOLDER: TYPE Sn96 per ANSI-J-STD-006.
 FLUX: TYPE ROM1 per ANSI-J-STD-004.
 THERMAL INDICATOR: Color changes from orange to colorless.
- MELTABLE RINGS: Environment resistant thermoplastic. Color: blue.

APPLICATION

- These parts are designed to provide an environment resistant shield terminations on cables, rated for 150°C minimum, meeting the dimensional criteria listed, having nickel plated shields and insulation compatible with the insert material. For compatible insulations, see MIL-S-83519/1 or consult Raychem.
- When installed per Raychem process standard RCPS-100-70, assemblies will meet requirements of Raychem Specification RT-1404 and MIL-S-83519.
- Temperature range: -55°C to +175°C.

For best results, prepare the cable as shown:



tyco Electronics		Tyco Electronics Corporation 305 Constitutional Drive Menlo Park, CA 94025 USA		RAYCHEM		TITLE: SOLDERSLEEVE SHIELD TERMINATOR IMMERSION RESISTANT, HIGH TEMP.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. INCHES DIMENSIONS ARE BETWEEN BRACKETS.						DOCUMENT NO.: SO96-X-00			
TOLERANCES: 0.00 N/A 0.0 N/A 0 N/A		ANGLES: N/A ROUGHNESS IN MICRON		Tyco Corporation reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application.		DATE: 15-May-00		DOC ISSUE: 6	
DRAWN BY: M. FORONDA		CAGE CODE: 06090	REPLACES: D990174	DCR NUMBER: D000193	PROD. REV.: SEE TABLE		SCALE: None	SIZE: A	SHEET: 1 of 1

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