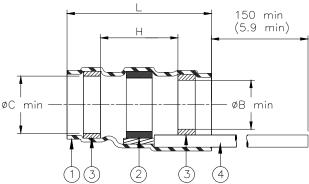
SPECIFICATION CONTROL DRAWING



Product Revision			Product Dimensions				Cable Dimensions		
Product		Ident	L±1.75	øB	øC	Н	øE	øF	øD
Name		Code	(L±0.075)	min	min	min	max	min	max
SO96-1-55-22-90	D	SO961R	16.5	1.90	2.67	8.20	2.67	0.90	1.90
			(0.650)	(0.075)	(0.105)	(0.322)	(0.105)	(0.035)	(0.075)
SO96-2-55-22-90	D	SO962R	16.5	2.67	3.68	8.20	3.68	1.40	2.67
			(0.650)	(0.105)	(0.145)	(0.322)	(0.145)	(0.055)	(0.105)
SO96-3-55-22-90	D	SO963R	16.5	4.32	5.08	8.20	5.08	2.15	4.32
			(0.650)	(0.170)	(0.200)	(0.322)	(0.200)	(0.085)	(0.170)
SO96-4-55-22-90	D	SO964R	19.1	5.97	6.48	8.20	6.48	3.30	5.97
			(0.750)	(0.235)	(0.255)	(0.322)	(0.255)	(0.130)	(0.235)
SO96-5-55-22-90	D	SO965R	19.1	6.98	7.62	8.20	7.62	4.30	6.98
			(0.750)	(0.275)	(0.300)	(0.322)	(0.300)	(0.170)	(0.275)

MATERIALS

1. INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked modified polyvinylidene fluoride.

2. 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 change orange to colorless.

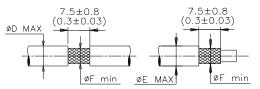
3. MELTABLE RINGS: Environment resistant thermoplastic. Color: blue.

4. PRE-INSTALLED LEAD: Raychem 55A0813-22-90 in accordance with MIL-W-22759/41-22-90 AWG22 stranded nickel plated copper. Color: white stripped black.

APPLICATION

- 1. These parts are designed to an environment resistant shield termination on cables, rated for 150°C minimum, meeting the dimensional criteria listed, having nickel-plated shields and insulations compatible with the insert material. See MIL-S-83519/1 or consult Raychem.
- 2. Temperature range: -55°C to +175°C.
- 3. Parts shall be marked with identification code per table.
- 4. Install using Raychem-approved convection or infra-red heating tools in accordance with Raychem process standard RCPS-100-70. Infrared tools are not recommended for use with black jackets.

For best results, prepare the wire as shown:



* A trademark of TE Connectivity.

	TE Connec 300 Consti Menlo Park		utiona		RAYCHEM	TITLE: SOLDERSLEEVE* DEVICE SHIELD TERMINATION WITH LEADS, HIGH TEMPERATURE IMMERSION RESISTANT				
UNLESS OTHERV INCHES DIMENS				ONS ARE IN MILLIM CKETS.	DOCUMENT NO.: SO96-X-55-22-90					
TOLERANCES: 0.00 N/A 0.0 N/A 0 N/A	ROU	ANGLES: N/A ROUGHNESS IN MICRON		onnectivity reserves the ing at any time. Users pility of the product for	should evaluate the	DATE: 16-Apr-11		doc issue: 6		
DRAWN BY: M. FORONDA		CAGE CODE: 06090		REPLACES: D981806	DCR NUMBER: D990981	PROD. REV.: SEE TABLE	SCALE: None	SIZE: A	SHEET: 1 of 1	

Print Date: 9-May-11 If this document is printed it becomes uncontrolled. Check for the latest revision.