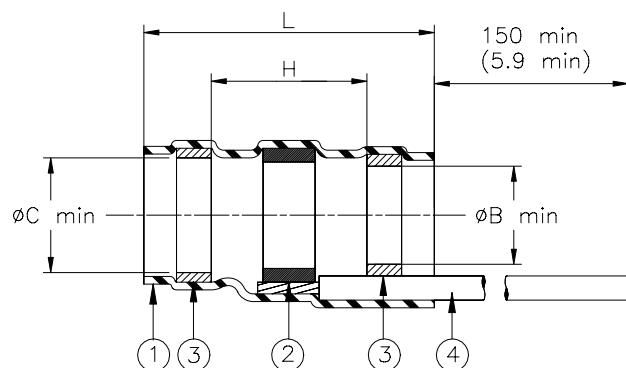


SPECIFICATION CONTROL DRAWING



Product Revision		Ident Code	Product Dimensions				Cable Dimensions		
Product Name			L±1.75 (L±0.075)	φB min	φC min	H min	φE max	φF min	φD max
SO96-1-55-22-95	A	SO961R	16.5 (0.650)	1.90 (0.075)	2.67 (0.105)	8.20 (0.322)	2.67 (0.105)	0.90 (0.035)	1.90 (0.075)
SO96-2-55-22-95	A	SO962R	16.5 (0.650)	2.67 (0.105)	3.68 (0.145)	8.20 (0.322)	3.68 (0.145)	1.40 (0.055)	2.67 (0.105)
SO96-3-55-22-95	A	SO963R	16.5 (0.650)	4.32 (0.170)	5.08 (0.200)	8.20 (0.322)	5.08 (0.200)	2.15 (0.085)	4.32 (0.170)
SO96-4-55-22-95	A	SO964R	19.1 (0.750)	5.97 (0.235)	6.48 (0.255)	8.20 (0.322)	6.48 (0.255)	3.30 (0.130)	5.97 (0.235)
SO96-5-55-22-95	A	SO965R	19.1 (0.750)	6.98 (0.275)	7.62 (0.300)	8.20 (0.322)	7.62 (0.300)	4.30 (0.170)	6.98 (0.275)

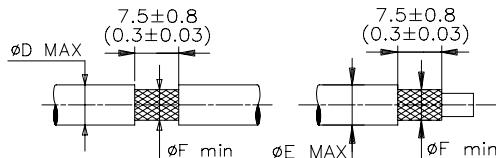
MATERIALS

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 55A0813-22-95 in accordance with MIL-W-22759/41-22-95 AWG22 stranded nickel plated copper. Color: white with green stripe.

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 Raychem Corporation.

Raychem Interconnect a division of tyco ELECTRONICS		THERMOFIT DEVICES	TITLE: SOLDERSLEEVE* DEVICE SHIELD TERMINATION WITH LEADS, HIGH TEMPERATURE IMMERSION RESISTANT		
300 Constitution Drive Menlo Park, CA 94025, USA				DOCUMENT NO.: SO96-X-55-22-95	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. INCHES DIMENSIONS ARE BETWEEN BRACKETS.					
TOLERANCES: 0.00 N/A 0.0 N/A 0 N/A	ANGLES: N/A	ROUGHNESS IN MICRON	Raychem reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application.	DCR NUMBER: D000002	REPLACES: N/A
DRAWN BY: M. FORONDA	DATE: 06-Jan-00	PROD. REV.: SEE TABLE	DOC ISSUE: 0	SCALE: None	SIZE: A
If this document is printed it becomes uncontrolled. Check for the latest revision					

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[SO96-3-55-22-95](#)