



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

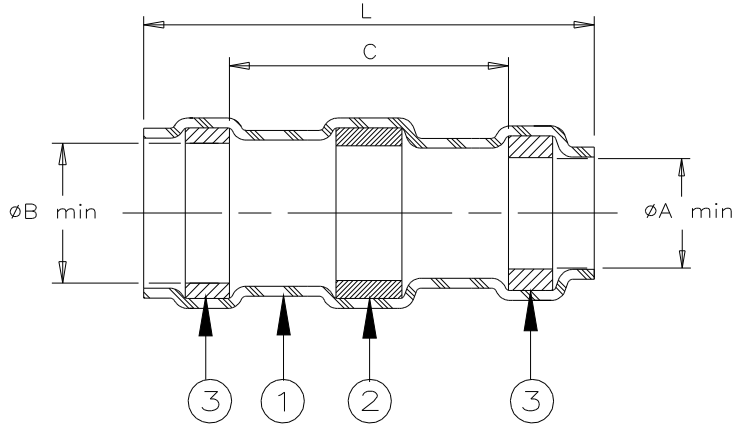
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SPECIFICATION CONTROL DRAWING



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)

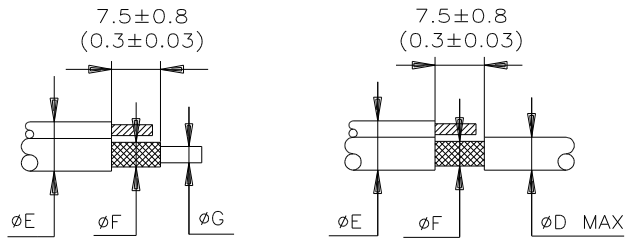
MATERIALS

- 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:



		TE Connectivity 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		TE Connectivity reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application.		DATE: 15-Apr-11		DOC ISSUE: 7		
DRAWN BY: M. FORONDA		CAGE CODE: 06090	REPLACES: D990174	DCR NUMBER: D000193	PROD. REV.: SEE TABLE		SCALE: None	SIZE: A	SHEET: 1 of 1	