



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

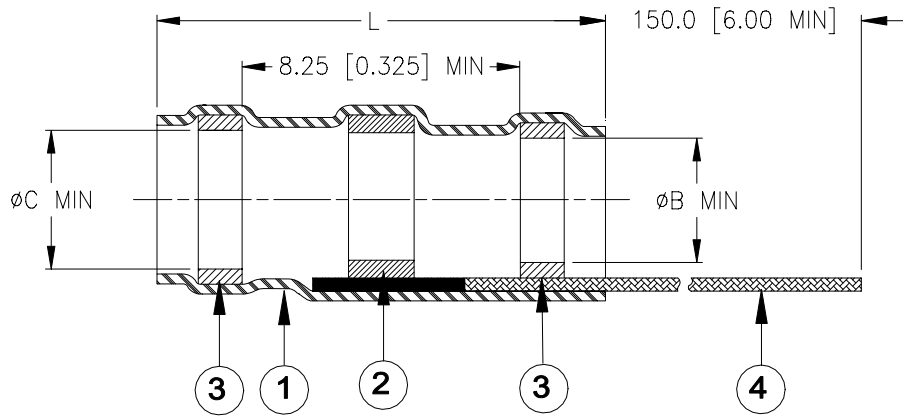
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



SPECIFICATION CONTROL DRAWING



Product Revision		Ident. Code	Product Dimensions			Cable Dimensions		
Product Name			$L \pm 1.75$ ($L \pm 0.070$)	ϕB min	ϕC min	ϕD max	ϕE max	ϕF min
SO175-1-01	A	SO1751R	16.50 (0.650)	1.90 (0.075)	2.67 (0.105)	1.90 (0.075)	2.67 (0.105)	0.90 (0.035)
SO175-2-01	A	SO1752R	16.50 (0.650)	2.67 (0.105)	3.68 (0.145)	2.67 (0.105)	3.68 (0.145)	1.40 (0.055)
SO175-3-01	A	SO1753R	16.50 (0.650)	4.32 (0.170)	5.08 (0.200)	4.32 (0.170)	5.08 (0.200)	2.15 (0.085)
SO175-4-01	A	SO1754R	19.10 (0.750)	5.97 (0.235)	6.48 (0.255)	5.97 (0.235)	6.48 (0.255)	3.30 (0.130)
SO175-5-01	A	SO1755R	19.10 (0.750)	6.98 (0.275)	7.62 (0.300)	6.98 (0.275)	7.62 (0.300)	4.30 (0.170)

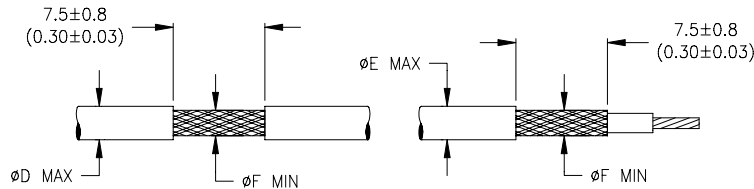
MATERIALS

- 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: Fusible ring, melt point: 232°C, completely melted at 240°C.
- MELTABLE SEALING RINGS: Thermally stabilized thermoplastic. Color: blue.
- PRE-INSTALLED BRAID: Nickel-plated copper strands per ASTM B355 Class 7. CMA 640.

APPLICATION

- These parts are designed to provide an environment protected shield termination on cables, rated for 150°C minimum, meeting the dimensional criteria listed, having nickel-plated shields.
- Install using Raychem-approved convection or infrared heating tools in accordance with Raychem process standard RCPS-100-70. Infrared tools are not recommended for use with black jackets.
- Parts shall be marked with identification code per table.
- Temperature range: -55°C to +175°C.

For best results, prepare the cable as shown:



SolderSleeve is a trademark of Tyco Electronics Corporation.

		Tyco Electronics Corporation 300 Constitution Drive, Menlo Park, CA. 94025, U.S.A.				TITLE: SOLDERSLEEVE SHIELD TERMINATOR WITH PRE-INSTALLED BRAID, 175°C, LEAD-FREE		
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets]						DOCUMENT NO.: SO175-X-01		
TOLERANCES: 0.00 N/A 0.0 N/A 0 N/A		ANGLES: N/A ROUGHNESS IN MICRON		Tyco Electronics reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application.		PROD. REV.: SEE TABLE	DOC. ISSUE: 1	DATE: 8-Oct-03
DRAWN BY: M. FORONDA		CAGE CODE: 06090	REPLACES: None	DCR NUMBER: D030486	SCALE: None	SIZE: A	SHEET: 1 of 1	

If this document is printed it becomes uncontrolled. Check for the latest revision.

© 2004 Tyco Electronics Corporation. All rights reserved