



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

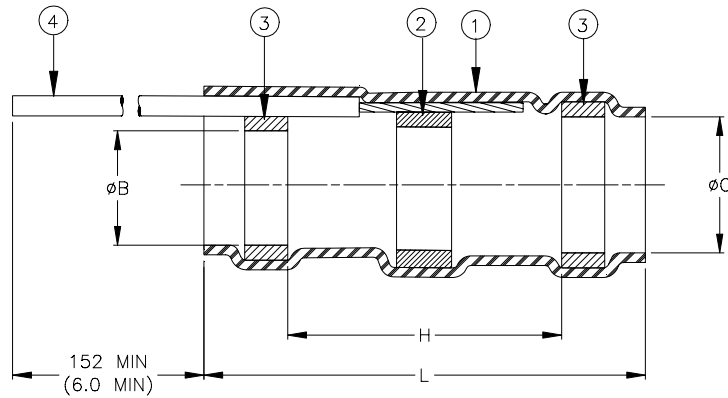
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

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		Component Dimensions					Cable Dimensions			
Product Name	Ident. Code	$L \pm 1.75$ ($L \pm 0.07$)	H min	ϕB min	ϕC min	ϕD max	ϕE max	ϕF min	ϕG max	
S02-17-R-XX	* SZ2A26	16.50 (0.650)	8.25 (0.325)	2.65 (0.105)	3.68 (0.145)	2.65 (0.105)	3.68 (0.145)	1.40 (0.055)	0.72 (0.030)	
S02-18-R-XX	* SZ3A26	16.50 (0.650)	8.25 (0.325)	4.30 (0.170)	5.08 (0.200)	4.30 (0.170)	5.08 (0.200)	2.15 (0.085)	1.25 (0.050)	
S02-20-R-XX	* SZ5A26	19.10 (0.750)	8.25 (0.325)	7.00 (0.275)	7.60 (0.300)	7.00 (0.275)	7.60 (0.300)	4.30 (0.170)	2.50 (0.100)	

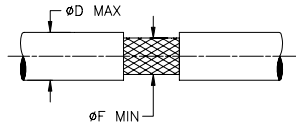
* Consult Raychem for individual product revision. Contains more than 1 part name.

MATERIALS

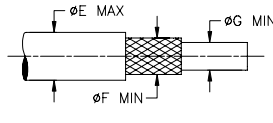
- INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked polyvinylidene fluoride.
- SOLDER PREFORM WITH FLUX AND THERMAL INDICATOR:
SOLDER: TYPE Sn63 per ANSI J-STD-006.
FLUX: TYPE ROL1 per ANSI-J-STD-004.
THERMAL INDICATOR: Color change violet to colorless.
- SEALING RINGS: Environment resistant thermoplastic. Color: blue.
- PRE-INSTALLED LEAD: MIL-W-22759/32-26-XX* (Raychem 55A0111-26-XX*)
*XX: Part name and lead callout shall be replaced with lead color designation per MIL-STD-681.
Colors available: solid and with single stripe.

APPLICATION

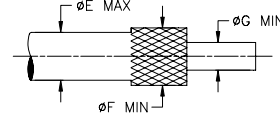
- These parts are designed to provide an environment protected shield termination on cables, rated for 105°C minimum, meeting the dimensional criteria listed and having tin or silver plated shields and insulation compatible with the insert material.
For compatible insulations, see SAE-AS83519/2 or consult Raychem.
- When installed per Raychem process standard RCPS-100-70, assemblies will meet those requirements of Raychem Specification RT-1404 and SAE-AS83519/2.
- For assembly information, refer to Raychem document RCPS-100-70.
- Parts shall be marked with identification code per table.
- For best results, prepare the cable as shown:
 - Strip length of shield: 6.35 – 8.25 (0.250 - 0.325)
 - Use methods (a) or (b) with cable rated for 125°C and above. Use method (c) for cables rated for 105°C and cable with spiral wrapped shields.



a) Window Strip



b) End Strip



c) End Strip with Fold Back

tyco / Electronics / Raychem 307 Constitution Drive Menlo Park, CA 94025, USA		Wire and Harnessing Products		TITLE: SOLDERSLEEVE SHIELD TERMINATION ENVIRONMENT RESISTANT WITH LEAD					
Unless otherwise specified dimensions are in millimeters. Inches dimensions are in between brackets.				DOCUMENT NO.: S02-17/-18/-20-R-XX					
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.		DCR NUMBER: D010447		REPLACES: N/A	
DRAWN BY: M. FORONDA		DATE: July 31, 2001		PROD. REV. SEE TABLE		DOC ISSUE: 1		SCALE: None	
						SIZE: A		SHEET: 1 of 1	

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