



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

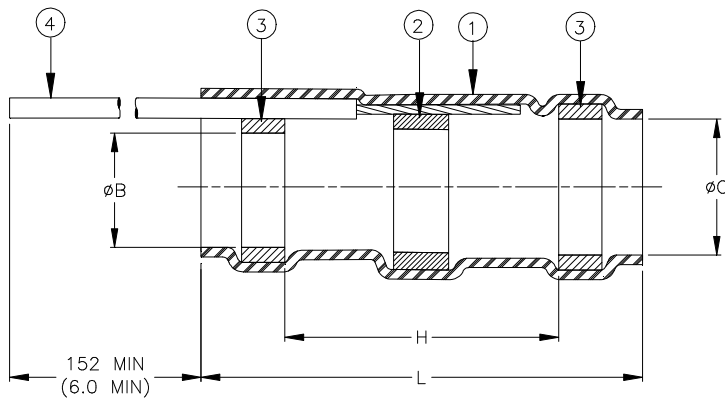
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## SPECIFICATION CONTROL DRAWING



Product Revision		Component Dimensions					Cable Dimensions			
Product Name	Ident. Code	$L \pm 1.75$ ( $L \pm 0.07$ )	$\phi B$ min	$\phi C$ min	H min	$\phi D$ max	$\phi E$ max	$\phi F$ min	$\phi G$ max	
S02-07-R-XX	* SIZE2R	16.5 (0.650)	2.65 (0.105)	3.68 (0.140)	8.25 (0.325)	2.65 (0.105)	3.68 (0.140)	1.40 (0.055)	0.72 (0.030)	
S02-08-R-XX	* SIZE3R	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)	
S02-10-R-XX	* SIZE5R	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)	

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

### MATERIALS

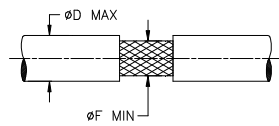
- INSULATION SLEEVE:** Heat-shrinkable, transparent blue, radiation cross-linked modified polyvinylidene fluoride.
- SOLDER PREFORM WITH FLUX:**  
 SOLDER: TYPE Sn63 per ANSI J-STD-006.  
 FLUX: TYPE ROL1 per ANSI-J-STD-004.  
 THERMAL INDICATOR: Color change violet to colorless.
- MELTABLE RINGS:** Thermally stabilized thermoplastic. Color: blue.
- PRE-INSTALLED LEAD:** MIL-W-22759/32-22-XX\*. (Raychem 55A0111-22-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

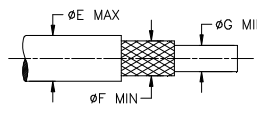
- These parts are designed to provide an environment protected shield termination on cables, rated for 105°C minimum, meeting the dimensional criteria listed and having tin or silver plated shields and insulation compatible with the insert material. For compatible insulations, see SAE-AS83519/2 or consult 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:

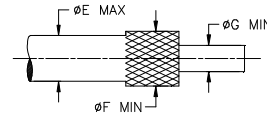
- Strip length of shield: 6.35 – 8.25 (.250 - .325)
- Use methods (a) or (b) with cable rated for 125°C and above. Use method (c) for cables rated for 105°C and cable with spiral wrapped shields.




a) Window Strip



b) End Strip



c) End Strip with Fold Back

 300 Constitution Drive Menlo Park, CA 94025, USA		<b>THERMOFIT DEVICES</b>		TITLE: <b>SOLDERSLEEVE SHIELD TERMINATION ENVIRONMENT RESISTANT WITH LEAD</b>			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. INCHES DIMENSIONS ARE BETWEEN BRACKETS.				DOCUMENT NO.: <b>S02-07/-08/-10-R-XX</b>			
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.		DCR NUMBER: D000419		REPLACES: N/A	
DRAWN BY: M. FORONDA	DATE: 27-Sept-00	PROD. REV. SEE TABLE	DOC ISSUE: 2	SCALE: None	SIZE: A	SHEET: 1 of 1	