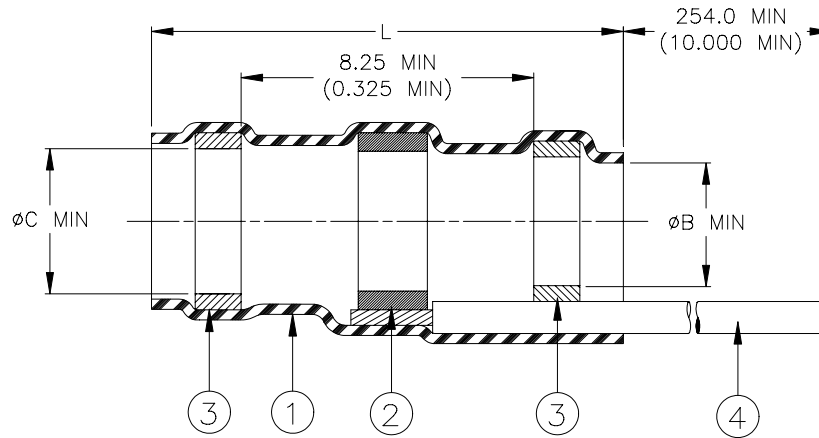


SPECIFICATION CONTROL DRAWING



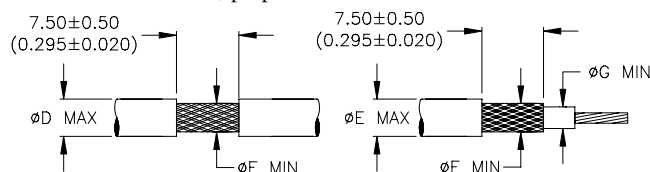
Product Rev.		Ident. Code	Product Dimensions			Cable Dimensions			
Product Name			$L \pm 1.75$ ($L \pm 0.070$)	ϕB min	ϕC min	ϕD max	ϕE max	ϕF min	ϕG min
SO63-1-W1-GA-9-100	N/C	SO631R	16.50 (0.650)	1.90 (0.075)	2.65 (0.105)	1.90 (0.075)	2.65 (0.105)	0.90 (0.035)	0.50 (0.020)
SO63-2-W1-GA-9-100	N/C	SO632R	16.50 (0.650)	2.65 (0.105)	3.68 (0.145)	2.65 (0.105)	3.68 (0.145)	1.40 (0.055)	0.75 (0.030)
SO63-3-W1-GA-9-100	N/C	SO633R	16.50 (0.650)	4.30 (0.170)	5.08 (0.200)	4.30 (0.170)	5.08 (0.200)	2.15 (0.085)	1.25 (0.050)
SO63-4-W1-GA-9-100	N/C	SO634R	19.10 (0.750)	5.95 (0.235)	6.45 (0.255)	5.95 (0.235)	6.45 (0.255)	3.30 (0.130)	1.80 (0.070)
SO63-5-W1-GA-9-100	N/C	SO635R	19.10 (0.750)	7.00 (0.275)	7.60 (0.300)	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 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: Fusible ring, melt point: 221°C.
- MELTABLE RING: Environment resistant thermoplastic. Color: blue.
- GROUND LEAD: Stranded Silver-plated High Strength Copper in accordance with MIL-W-22759/81.

APPLICATION

- These parts will provide a shield termination assembly when installed in accordance to Raychem RCPS-100-70 on cables rated for at least 125°C, meeting the dimensional criteria listed, having tin or silver-plated shields.
- Temperature rating: -55°C to +150°C.
- Parts shall be marked with identification code per table.
For best results, prepare the cable as shown:



Part Number Guide:
SO63-X-W1-GA-9-100

- Lead color designation per MIL-STD-681
- Lead AWG 22, 24
- Lead type: M22759/81
- Size 1 to 5

“G” is the minimum diameter on which the sleeve will seal.

tyco Electronics	Tyco Electronics Corporation 300 Constitution Drive, Menlo Park, CA. 94025, U.S.A.	Raychem	TITLE: SOLDERSLEEVE SHIELD TERMINATOR, ENVIRONMENT RESISTANT WITH LEAD				
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets]			DOCUMENT NO.: SO63-X-W1-GA-9-100				
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.	DOC. ISSUE: 2		DATE: 28-Dec-04		
DRAWN BY: M. FORONDA	CAGE CODE: 06090	REPLACES: D020446	DCR NUMBER: D040307	PROD. REV.: SEE TABLE	SCALE: None	SIZE: A	SHEET: 1 of 1

© 2004 Tyco Electronics Corporation. All rights reserved.

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