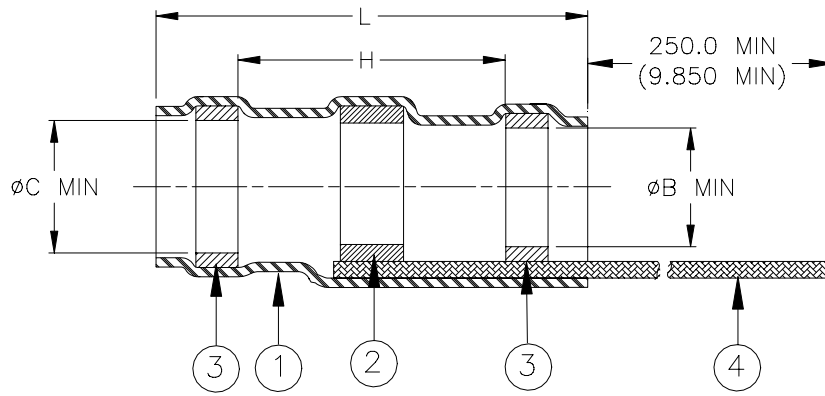


## SPECIFICATION CONTROL DRAWING



Product Revision		Product Dimensions					Cable Dimensions		
Product Name		Ident. Code	L±1.75 (L±0.070)	øB min	øC min	H min	øE max	øF min	øD max
S03-11-R-100	N/C	SIZE1R	16.50 (0.650)	1.90 (0.070)	2.67 (0.105)	8.25 (0.325)	2.67 (0.105)	0.90 (0.035)	1.90 (0.070)
S03-12-R-100	N/C	SIZE2R	16.50 (0.650)	2.67 (0.105)	3.68 (0.145)	8.25 (0.325)	3.68 (0.145)	1.40 (0.055)	2.67 (0.105)
S03-13-R-100	N/C	SIZE3R	16.50 (0.650)	4.32 (0.170)	5.08 (0.200)	8.25 (0.325)	5.08 (0.200)	2.15 (0.085)	4.32 (0.170)
S03-14-R-100	N/C	SIZE4R	19.10 (0.750)	5.97 (0.235)	6.48 (0.255)	8.25 (0.325)	6.48 (0.255)	3.30 (0.130)	5.97 (0.235)
S03-15-R-100	N/C	SIZE5R	19.10 (0.750)	6.98 (0.275)	7.62 (0.300)	8.25 (0.325)	7.62 (0.300)	4.32 (0.170)	6.98 (0.275)

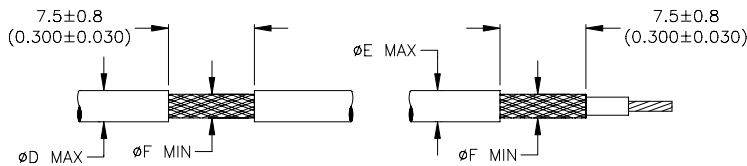
### MATERIALS

- INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked modified 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.
- MELTABLE RINGS: Stabilized thermoplastic. Color: blue.
- PRE-INSTALLED BRAID: Silver-plated copper strands. CMA 640.

### APPLICATION

- These parts are designed to provide an environment protected shield termination on cables, rated for 125°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 MIL-S-83519/2 or consult Tyco Electronics/Raychem.
- For installation procedure, consult Tyco Electronics/Raychem process standard RCPS-100-70.
- Temperature range: -55°C to +150°C.
- Parts shall be marked with identification code per table.

For best results, prepare the cable as shown:



		Tyco Electronics Corporation 300 Constitution Drive, Menlo Park, CA. 94025, U.S.A.				TITLE: <b>SOLDERSLEEVE DEVICE SHIELD                  TERMINATION WITH SILVER-PLATED                  BRAID</b>	
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets]						DOCUMENT NO.: <b>S03-1X-R-100</b>	
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.: <b>SEE TABLE</b>		DOC. ISSUE: <b>0</b>		DATE: <b>20-May-03</b>			
PREPARED BY: <b>mforonda</b>		DCR NUMBER: <b>D030278</b>		REPLACES: <b>N/A</b>		CAGE CODE: <b>06090</b>	
				SCALE: <b>---</b>		SIZE: <b>A</b>	
						SHEET: <b>1 of 1</b>	

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