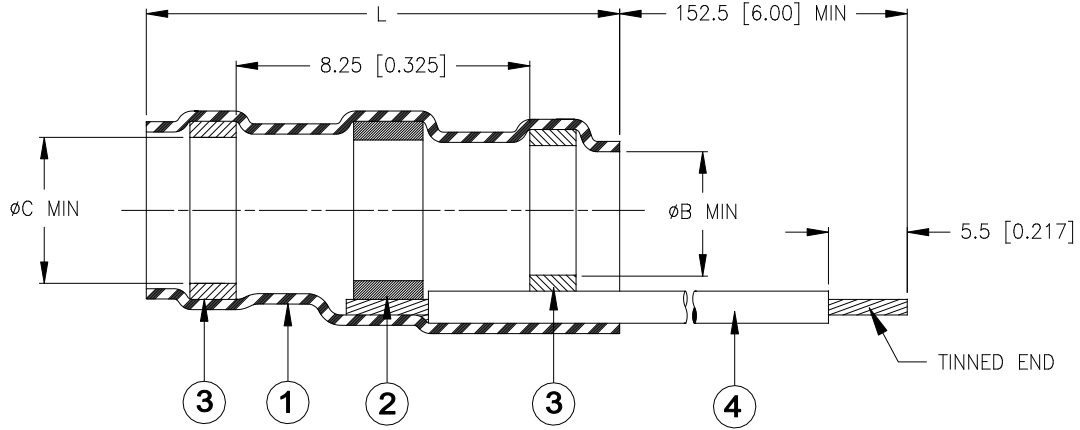


SPECIFICATION CONTROL DRAWING



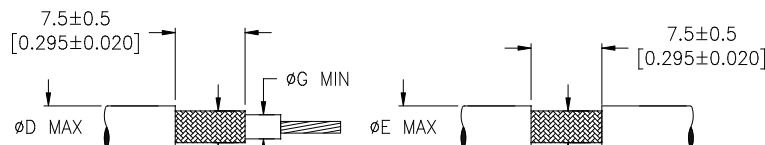
Product Name				Product Dimensions			Cable Dimensions			
Product Rev.	Product Rev.	Product Rev.	Product Rev.	L±1.75 [L±0.07]	øB min	øC min	øD max	øE max	øF min	øG min
AWG 20*	AWG 22*									
S02-01-R-90-T	A	S02-06-R-90-T	A	16.5 [0.650]	1.90 [0.075]	2.65 [0.105]	1.90 [0.075]	2.65 [0.105]	0.90 [0.035]	0.50 [0.020]
S02-02-R-90-T	A	S02-07-R-90-T	A	16.5 [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]
S02-03-R-90-T	A	S02-08-R-90-T	A	16.5 [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]
S02-04-R-90-T	A	S02-09-R-90-T	A	19.1 [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]
S02-05-R-90-T	A	S02-10-R-90-T	A	19.1 [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: Color change violet to colorless.
- MELTABLE SEALING RINGS: Environment resistant thermoplastic. Color: blue.
- PRE-INSTALLED LEAD: RAYCHEM 55A0111-AA*-90 in accordance with MIL-W-22759/32-AA*-90 (AWG AA* per table), with pre-tinned end. Color: white/black stripe.

APPLICATION

- These parts are designed to provide an environment resistant 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, consult Raychem.
- When installed per Raychem process standard RCPS-100-70, assemblies will meet those requirements of Raychem Specification RT-1404.
- For assembly information, refer to Tyco Electronics/Raychem document RCPS-100-70.
- Parts shall be marked with identification code "S02XXR"; XX shall be replaced with the product size 01 thru 10.
- For best results, prepare the cable as shown:



		Tyco Electronics Corporation 300 Constitution Drive, Menlo Park, CA. 94025, U.S.A.				SOLDERSLEEVE SHIELD TERMINATOR ENVIRONMENT RESISTANT WITH PRE-TINNED END LEAD						
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets]						DOCUMENT NO.: S02-XX-R-90-T						
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: A1		DATE: 27OCT2023		
PREPARED BY: D. MALLIKA		ECN NUMBER: ECN-23-234831		REPLACES: ---		CAGE CODE : 06090		SCALE: ---		SIZE: A		SHEET: 1 of 1