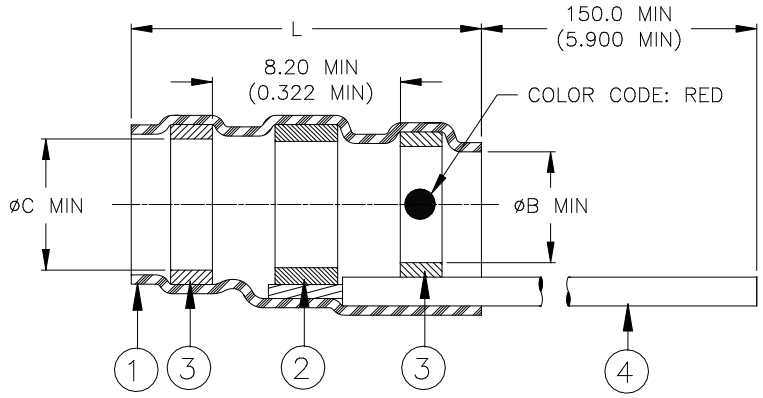
SPECIFICATION CONTROL DRAWING



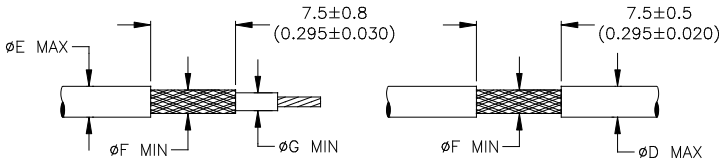
Product Revision		Ident Code	Product Dimensions			Cable Dimensions			
Product Name			L±1.75 (L±0.075)	øB min	øC min	øD max	øE max	øF min	øG min
SO175-1-55-22-95	A	SO1751R	16.50 (0.650)	1.90 (0.075)	2.67 (0.105)	1.90 (0.075)	2.67 (0.105)	0.90 (0.035)	0.50 (0.020)
SO175-2-55-22-95	A	SO1752R	16.50 (0.650)	2.67 (0.105)	3.68 (0.145)	2.67 (0.105)	3.68 (0.145)	1.40 (0.055)	0.75 (0.030)
SO175-3-55-22-95	A	SO1753R	16.50 (0.650)	4.32 (0.170)	5.08 (0.200)	4.32 (0.170)	5.08 (0.200)	2.15 (0.085)	1.25 (0.050)
SO175-4-55-22-95	A	SO1754R	19.10 (0.750)	5.97 (0.235)	6.48 (0.255)	5.97 (0.235)	6.48 (0.255)	3.30 (0.130)	1.80 (0.070)
SO175-5-55-22-95	A	SO1755R	19.10 (0.750)	6.98 (0.275)	7.62 (0.300)	6.98 (0.275)	7.62 (0.300)	4.30 (0.170)	2.50 (0.100)

MATERIALS

1. INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked modified polyvinylidene fluoride.
2. SOLDER PREFORM WITH FLUX AND THERMAL INDICATOR:
   SOLDER: TYPE Sn96 per ANSI/J-STD-006.
   FLUX: TYPE ROM1 per ANSI/J-STD-004.
   THERMAL INDICATOR: Fusible ring, melt point: 232°C, completely melted at 240°C.
3. MELTABLE RINGS: Environment resistant thermoplastic. Color: blue.
4. PRE-INSTALLED LEAD: Raychem 55A0813-22-95 in accordance with MIL-W-22759/41-22-95 AWG22 stranded nickel-plated copper. Color: white with green stripe.

APPLICATION

1. These parts are designed to provide an environment resistant shield termination on cables, rated for 150°C minimum, meeting the dimensional criteria listed, having nickel-plated shields and insulations compatible with the insert material. For compatible insulations, consult Tyco Electronics/Raychem.
2. When installed per Tyco Electronics/Raychem process standard RCPS-100-70, assemblies will meet performance requirement Raychem Specification RT-1404, and 514.1920/99 Aerospatiale Matra Specification.
3. Parts shall be marked with identification code per table.
4. Temperature range: -55°C to +175°C.
   For best results, prepare the cable as shown:



tyco Electronics

Raychem
305 Constitution Drive,
Menlo Park, CA. 94025, USA

TITLE:
SOLDERSLEEVE DEVICE SHIELD TERMINATION WITH LEADS, IMMERSION RESISTANT (175 °C, LEAD-FREE)

Unless otherwise specified dimensions are in millimeters.
[Inches dimensions are shown in brackets]

DOCUMENT NO.: **SO175-X-55-22-95**

TOLERANCES:	ANGLES: N/A	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.:	DOC. ISSUE:	DATE:
0.00 N/A 0.0 N/A 0 N/A	ROUGHNESS IN MICRON		SEE TABLE	2	27OCT2023

PREPARED BY:	REPLACES:	DCR NUMBER:	SCALE:	SIZE:	SHEET:
E. SOWJANYA	D020142	D030222	None	A	1 of 1

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