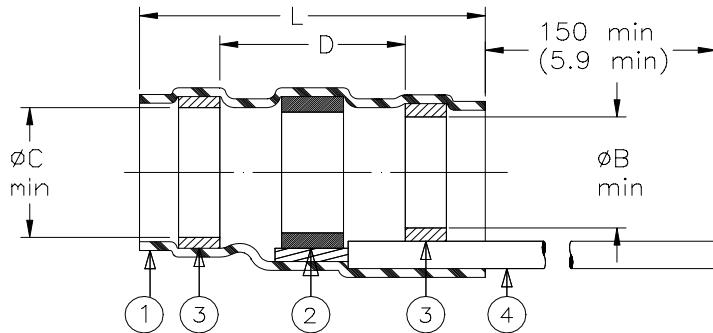


# SPECIFICATION CONTROL DRAWING



Product Revisions		Component Dimensions					Shall Accommodate Cable With Dimensions		
		Ident. Code	L±1.75 (L±0.07)	B min	C min	D min	E max	F min	H max
ST63-1-55-GA-CL	C	ST631R	16.5 (0.650)	1.9 (0.075)	2.65 (0.105)	8.25 (0.325)	2.65 (0.105)	0.90 (0.035)	1.9 (0.075)
ST63-2-55-GA-CL	C	ST632R	16.5 (0.650)	2.65 (0.105)	3.68 (0.145)	8.25 (0.325)	3.68 (0.145)	1.40 (0.055)	2.65 (0.105)
ST63-3-55-GA-CL	C	ST633R	16.5 (0.650)	4.3 (0.170)	5.08 (0.200)	8.25 (0.325)	5.08 (0.200)	2.15 (0.085)	4.3 (0.170)
ST63-4-55-GA-CL	C	ST634R	19.1 (0.750)	5.95 (0.235)	6.45 (0.255)	8.25 (0.325)	6.45 (0.255)	3.30 (0.130)	5.95 (0.235)
ST63-5-55-GA-CL	C	ST635R	19.1 (0.750)	7.0 (0.275)	7.6 (0.300)	8.25 (0.325)	7.6 (0.300)	4.30 (0.170)	7.0 (0.275)

## MATERIAL

1. INSULATION SLEEVE: Heat-shrinkable, radiation cross-linked modified polyvinylidene fluoride. Transparent blue.
2. SOLDER PREFORM WITH FLUX:
  - SOLDER: TYPE Sn63 per ANSI J-STD-006.
  - FLUX: TYPE ROL1 per ANSI J-STD-004.
3. MELTABLE RINGS: Stabilized thermoplastic. Color: blue.
4. PRE-INSTALLED LEAD: RAYCHEM 55A0111 in accordance with MIL-W-22759/32. Stranded tin plated copper. Color: (see note)

## Color. (see hot APPLICATION)

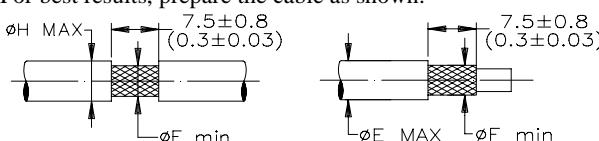
**APPLICATION**

1. 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.
2. Temperature range: -55°C to +150°C.
3. When installed in accordance with Raychem Process Standard RCPS-100-70 assemblies will meet performance requirements of RoHS, Soldering, BT-1404.

## Raychem Specification RT-1404.

Complete part number is defined as shown:  
**ST18-A** 55 GA CL Lead color designation per MIL-STD-681.  
 └── Size └── Lead type └── Lead └── AWG └── CL  
 1 to 5 M22759/32 20 22 Colors available:  
 └── └── 24 └── 26 └── 20AWG black, green, white

For best results, prepare the cable as shown:



-Lead color designation per MIL-STD-681.

#### Colors available:

20AWG-black, green, white

22AWG-black, green, white

24AWG-black, blue, w

26AWG-black, white

All gauges: White with a single black stripe.

\*A trademark of Raychem Corporation.

<b>Raychem</b>		THERMOFIT DEVICES	Raychem Corporation 300 Constitution Drive Menlo Park, CA 94025 USA	TITLE:  <b>SOLDERSLEEVE* DEVICE TERMINATION WITH LEADS</b>			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. INCHES DIMENSIONS ARE BETWEEN BRACKETS.				DOCUMENT NO.: <b>ST63-X-55-GA-CL</b>			
TOLERANCES: 0.00 N/A 0.0 N/A 0 N/A	ANGLES: N/A  ROUGHNESS IN MICRON	Raychem reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application.		DCR NUMBER:  <b>D981080</b>	REPLACES:  <b>St6355</b>		
DRAWN BY: R. MAPALO		DATE: 08/12/98	REV.: SEE TABLE	DOC ISSUE: 5	SCALE: NONE	SIZE: A	SHEET: 1 of 1

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