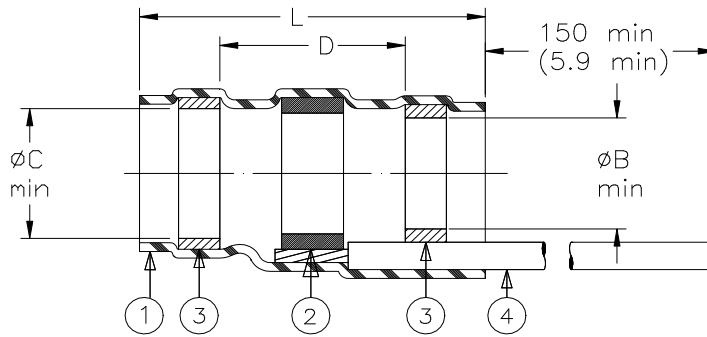


## CUSTOMER DRAWING



| Product Revisions |   | Component Dimensions |                 |              |              |              | Shall Accommodate Cable With Dimensions |              |              |
|-------------------|---|----------------------|-----------------|--------------|--------------|--------------|-----------------------------------------|--------------|--------------|
| Part Name         |   | 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

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

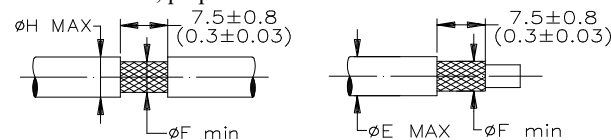
### APPLICATION

- 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.
- Temperature range: -55°C to +150°C.
- When installed in accordance with Raychem Process Standard RCPS-100-70 assemblies will meet performance requirements of Raychem Specification RT-1404.

Complete part number is defined as shown:

ST63-X      55      GA      CL  
                  Size      Lead type      Lead      AWG      Lead color designation per MIL-STD-681.  
                  1 to 5      M22759/32      20      22      Colors available:  
                            24      26      20AWG-black, green, white  
                                           22AWG-black, green, white  
                                           24AWG-black, blue, white  
                                           26AWG-black, white  
                                           All gauges: White with a single black stripe.

For best results, prepare the cable as shown:



\*A trademark of Raychem Corporation.

|                                                                                                   |                                        |                                                                                                                                           |                                                           |                              |                |                              |                  |
|---------------------------------------------------------------------------------------------------|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|------------------------------|----------------|------------------------------|------------------|
| TE Connectivity                                                                                   |                                        | Raychem Devices                                                                                                                           | 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:<br>0.00 N/A<br>0.0 N/A<br>0 N/A                                                       | ANGLES: N/A<br><br>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. |                                                           | ECO NUMBER:<br>ECO-19-005864 |                | ISSUE DATE:<br>15-APRIL-2019 |                  |
| DRAWN BY:<br>R. MAPALO                                                                            | DRAWN DATE:<br>08/12/1998              | CAD FILE:<br>ST63-X-55-GA-CL                                                                                                              | CAGE CODE:<br>06090                                       | DOC<br>ISSUE:<br>E1          | SCALE:<br>NONE | SIZE:<br>A                   | SHEET:<br>1 of 1 |

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