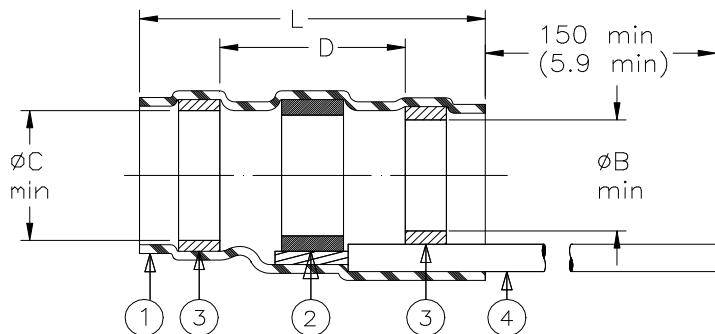


CUSTOMER DRAWING



| 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 |
| 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

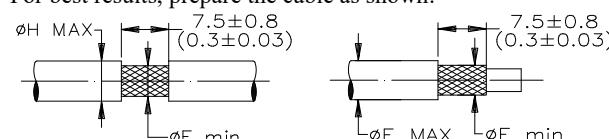
1. These parts are designed to provide an environment protected shield termination on cables, rated for 125°C minimum, meeting the dimensional criteria listed and having tin or silver plated shields.
2. Temperature range: -55°C to +150°C.
3. When installed in accordance with Raychem Process Standard RCPS-100-70 assemblies will meet performance requirements of

Raychem Specification RT-1404.

Complete part number is defined as shown:
ST63-X **55** **GA** **CL**

 1 to 5 M22759/32 20 22 24 26 20AWG Lead color designation per MIL-STD-681.
 Colors available:
 20AWG-black, green, white

For best results, prepare the cable as shown:



Lead color designation per MIL-STD-681

Lead color design
Colors available:

Colors available:

22AWG-black, green, white

24AWG-black, blue, w/

26AWG-black, white

All gauges: White with a single black stripe.

*A trademark of Raychem Corporation.

| | | | |
|--|---|--|---|
|  TE TE Connectivity | | Raychem Devices | TITLE: SOLDERSLEEVE* DEVICE TERMINATION WITH LEADS |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. INCHES DIMENSIONS ARE BETWEEN BRACKETS. | | | DOCUMENT NO.: ST63-X-55-GA-CL |
| 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. | ECO NUMBER: ECO-19-005864 |
| DRAWN BY: R. MAPALO | DRAWN DATE: 08/12/1998 | CAD FILE: ST63-X-55-GA-CL | CAGE CODE: 06090 |
| | | DOC ISSUE: E1 | SCALE: NONE |
| | | | SIZE: A |
| | | | SHEET: 1 of 1 |

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[ST63-3-55-20-5](#) [ST63-3-55-22-5](#) [ST63-1-55-24-90](#) [ST63-2-55-24-9](#)