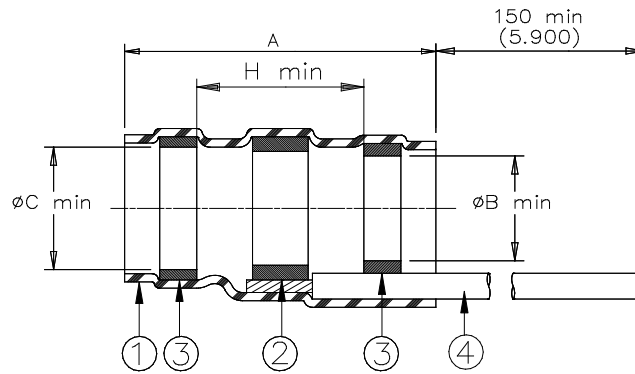




THE DATASHEET OF
SO63-3-55-24-90



CUSTOMER DRAWING



| Product Name | Ident. Code | Product Dimensions | | | | Cable Dimensions | | | | |
|-----------------|-------------|--------------------|-----------------|-----------------|-----------------|------------------|-----------------|-----------------|-----------------|-------------------|
| | | A±1.75 (A±0.07) | øB min | øC min | H min | øE max | øF min | øG min | øD max | J±0.5 (J±0.02) |
| SO63-1-55-GA-CL | SO631R | 16.5 (0.650) | 1.90 (0.075) | 2.65 (0.105) | 8.25 (0.325) | 2.65 (0.105) | 0.90 (0.035) | 0.50 (0.020) | 1.90 (0.075) | 7.5 (0.295) |
| SO63-2-55-GA-CL | SO632R | 16.5 (0.650) | 2.65 (0.105) | 3.68 (0.145) | 8.25 (0.325) | 3.68 (0.145) | 1.40 (0.055) | 0.75 (0.030) | 2.65 (0.105) | 7.5 (0.295) |
| SO63-3-55-GA-CL | SO633R | 16.5 (0.650) | 4.30 (0.170) | 5.08 (0.200) | 8.25 (0.325) | 5.08 (0.200) | 2.15 (0.085) | 1.25 (0.050) | 4.30 (0.170) | 7.5 (0.295) |
| SO63-4-55-GA-CL | SO634R | 19.1 (0.750) | 5.95 (0.235) | 6.45 (0.255) | 8.25 (0.325) | 6.45 (0.255) | 3.30 (0.130) | 1.80 (0.070) | 5.95 (0.235) | 7.5 (0.295) |
| SO63-5-55-GA-CL | SO635R | 19.1 (0.750) | 7.00 (0.275) | 7.6 (0.300) | 8.25 (0.325) | 7.6 (0.300) | 4.30 (0.170) | 2.50 (0.100) | 7.00 (0.275) | 7.5 (0.295) |

* Consult Raychem for individual product revision. Contains more than 1 part name.

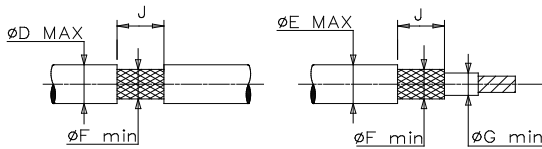
MATERIALS

- INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked modified 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: Fusible ring, melt point: 221°C.
- MELTABLE RING: Environment resistant thermoplastic. Color:blue.
- GROUND LEAD: RAYCHEM 55A0111-GA-CL in accordance with MIL-W-22759/32-GA-CL. See part guide for gauge and color information. Lead type: Raychem 55A0111.

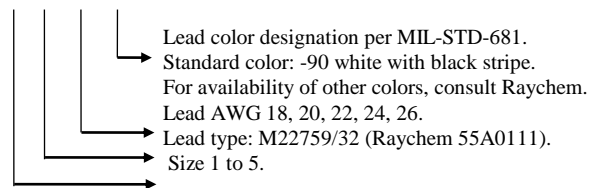
APPLICATION

- These parts will provide a shield termination assembly which will meet the requirements of Raychem Specification RT-1404 when installed in accordance with Raychem RCPS-100-70 on cables rated for at least 125°C, meeting the dimensional criteria listed, having tin or silver plated shields. Consult Raychem for compatible insulation material.
- Temperature rating: -55°C to +150°C.

For best results, prepare the cable as shown:



Part Number Guide:
SO63-A-55-GA-CL




Parts shall be noted with identification code per table.
“G” is the minimum diameter on which the sleeve will seal.

| | | | | | | |
|--|--|---------------------------------------|--|---|--|---------------------------------|
| | | RAYCHEM | | TITLE: SOLDERSLEEVE DEVICE WITH PRE-INSTALLED LEAD IMMERSION RESISTANT | | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. INCHES DIMENSIONS ARE BETWEEN BRACKETS. | | | | DOCUMENT NO.: SO63-A-55-GA-CL | | |
| TOLERANCES: 0.00 N/A 0.0 N/A 0 N/A | | ANGLES: N/A ROUGHNESS IN MICRON | | TE Connectivity reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application. | | Revision: A1 |
| DRAWN BY: D. MALLIKA | | CAGE CODE: 06090 | | DATE: 19NOV2021 | | Issue Date: 27OCT2023 |
| ECN: ECN-23-234831 | | SCALE: None | | SIZE: A | | SHEET: 1 of 1 |

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CUSTOMER DRAWING

| | | | | | | |
|--|---|---|------------------------------|---|---------------------------------|-------------------------|
|  | RAYCHEM | | | TITLE: SOLDERSLEEVE DEVICE WITH PRE-INSTALLED LEAD IMMERSION RESISTANT | | |
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| TOLERANCES: 0.00 N/A 0.0 N/A 0 N/A | ANGLES: N/A ROUGHNESS IN MICRON | TE Connectivity reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application. | | Revision: A1 | Issue Date: 27OCT2023 | |
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