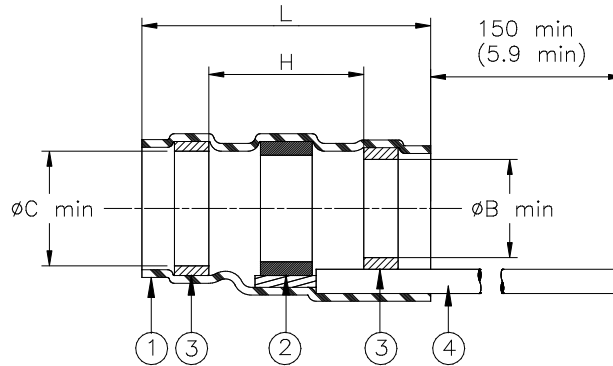


CUSTOMER DRAWING



| Product Name | Ident Code | Product Dimensions | | | | Cable Dimensions | | |
|-----------------|------------|---------------------|-----------------|-----------------|-----------------|------------------|-----------------|-----------------|
| | | L±1.75 (L±0.075) | øB min | øC min | H min | øE max | øF min | øD max |
| SO96-1-55-22-90 | SO961R | 16.5 (0.650) | 1.90 (0.075) | 2.67 (0.105) | 8.20 (0.322) | 2.67 (0.105) | 0.90 (0.035) | 1.90 (0.075) |
| SO96-2-55-22-90 | SO962R | 16.5 (0.650) | 2.67 (0.105) | 3.68 (0.145) | 8.20 (0.322) | 3.68 (0.145) | 1.40 (0.055) | 2.67 (0.105) |
| SO96-3-55-22-90 | SO963R | 16.5 (0.650) | 4.32 (0.170) | 5.08 (0.200) | 8.20 (0.322) | 5.08 (0.200) | 2.15 (0.085) | 4.32 (0.170) |
| SO96-4-55-22-90 | SO964R | 19.1 (0.750) | 5.97 (0.235) | 6.48 (0.255) | 8.20 (0.322) | 6.48 (0.255) | 3.30 (0.130) | 5.97 (0.235) |
| SO96-5-55-22-90 | SO965R | 19.1 (0.750) | 6.98 (0.275) | 7.62 (0.300) | 8.20 (0.322) | 7.62 (0.300) | 4.30 (0.170) | 6.98 (0.275) |

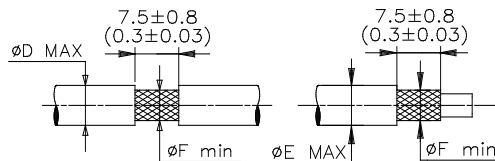
MATERIALS

- INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked modified polyvinylidene fluoride.
- 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: Color change orange to colorless.
- MELTABLE RINGS: Environment resistant thermoplastic. Color: blue.
- PRE-INSTALLED LEAD: Raychem 55A0813-22-90 in accordance with MIL-W-22759/41-22-90 AWG22 stranded nickel plated copper. Color: white stripped black.

APPLICATION

- These parts are designed to 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. See MIL-S-83519/1 or consult Raychem.
- Temperature range: -55°C to +175°C.
- Parts shall be marked with identification code per table.
- Install using TE Connectivity-approved convection or infra-red heating tools in accordance with Raychem process standard RCPS-100-70. Infrared tools are not recommended for use with black jackets.

For best results, prepare the wire as shown:



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| | | | | | | | |
|---|--|---|--------------------|---|------------|---------------------------|--|
| | | RAYCHEM | | TITLE: SOLDERSLEEVE DEVICE SHIELD TERMINATION WITH LEADS, HIGH TEMPERATURE IMMERSION RESISTANT | | | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. INCHES DIMENSIONS ARE BETWEEN BRACKETS. | | | | DOCUMENT NO.: SO96-X-55-22-90 | | | |
| 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: 7 | | Issue Date: April 2020 | |
| DRAWN BY: M. FORONDA | CAGE CODE: 06090 | DATE: 16-Apr-11 | ECO: ECO-20-004961 | SCALE: None | SIZE: A | SHEET: 1 of 1 | |