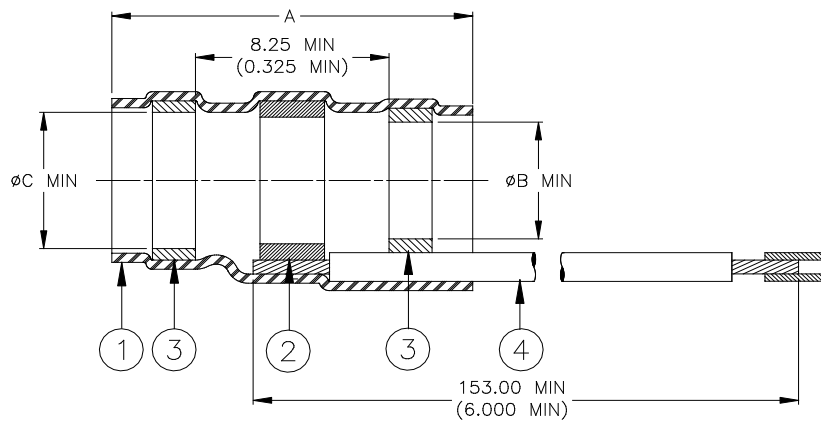


CUSTOMER DRAWING



| Product Name | Mark | Product Dimensions | | |
|----------------|--------|---------------------|-----------|-----------|
| | | A±1.75 [A±0.070] | øB min | øC min |
| SO63-1-9036-22 | SO631R | 16.50 | 1.90 | 2.65 |
| SO63-1-9036-20 | | [0.650] | [0.075] | [0.105] |
| SO63-1-9036-18 | | | | |
| SO63-2-9036-22 | SO632R | 16.50 | 2.65 | 3.55 |
| SO63-2-9036-20 | | [0.650] | [0.105] | [0.145] |
| SO63-2-9036-18 | | | | |
| SO63-3-9036-22 | SO633R | 16.50 | 4.30 | 5.00 |
| SO63-3-9036-20 | | [0.650] | [0.170] | [0.200] |
| SO63-3-9036-18 | | | | |
| SO63-4-9036-22 | SO634R | 19.10 | 5.95 | 6.50 |
| SO63-4-9036-20 | | [0.750] | [0.235] | [0.255] |
| SO63-4-9036-18 | | | | |
| SO63-5-9036-22 | SO635R | 19.10 | 7.00 | 7.60 |
| SO63-5-9036-20 | | [0.750] | [0.275] | [0.300] |
| SO63-5-9036-18 | | | | |


MATERIALS

1. INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked modified polyvinylidene fluoride. Marked per table.
2. SOLDER PREFORM WITH FLUX AND THERMAL INDICATOR RING:
SOLDER: TYPE Sn63 per ANSI / J-STD-006.
FLUX: TYPE ROL1 per ANSI / J STD-004.
THERMAL INDICATOR RING: Fusible alloy with melt point of 221°C.
3. MELTABLE RINGS: Environment resistant fluorocarbon-based thermoplastic
4. PRE-INSTALLED LEAD: Raychem 55PC6121-GA. "GA"=size (AWG) of lead, color: white with 2 black stripes.

APPLICATION

1. These parts are designed to provide an environment resistant shield termination on cables, rated for 125°C min. having tin or silver-plated shields, and jackets compatible with the insert material. See M83519/2 or consult TE Connectivity.
2. When properly installed, these parts will meet the performance requirements of Raychem RT-1404 and SAE-AS-83519/2.
3. Part selection: Measure cable jacket diameter at its maximum point. Select the smallest terminator that has a "B" diameter larger than the cable diameter.
4. Cable is to be stripped to expose 6.0 -7.5mm [0.235-0.295] of shield.
5. Part may be installed using any TE Connectivity-approved convection or infra-red heating tool. Tools must be equipped with a suitable reflector. For detailed assembly instruction see Raychem RCPS-100-70.

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| | | | | | | |
|--|---|--|---|----------------------------------|------------|------------------|
|  | | Raychem Devices | TITLE: SOLDERSLEEVE DEVICE WITH PRE-INSTALLED LEAD, IMMERSION RESISTANT | | | |
| Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets] | | | DOCUMENT NO.: SO63-X-9036-GA | | | |
| 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: C | Issue Date: March 2020 | | |
| PREPARED BY: mforonda | DATE: 17-Feb-2017 | CAGE CODE : 06090 | ECO: ECO-20-004474 | SCALE: --- | SIZE: A | SHEET: 1 of 1 |

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