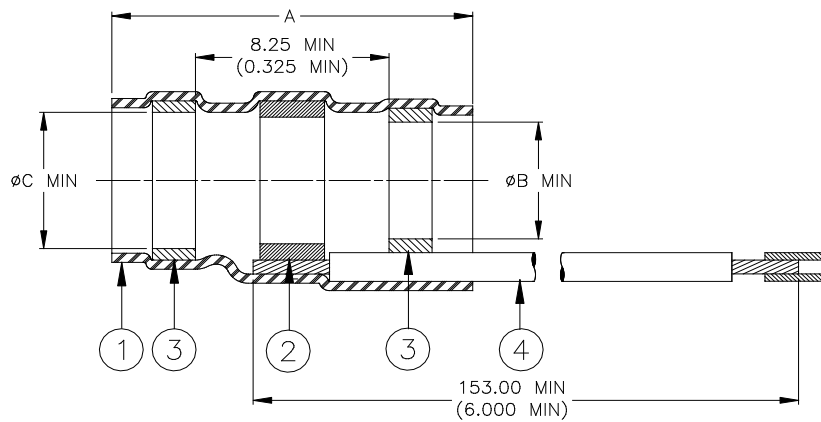


## CUSTOMER DRAWING



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


### MATERIALS

- INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked modified polyvinylidene fluoride. Marked per table.
- 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.
- MELTABLE RINGS: Environment resistant fluorocarbon-based thermoplastic
- PRE-INSTALLED LEAD: Raychem 55PC6121-GA. "GA"=size (AWG) of lead, color: white with 2 black stripes.

### APPLICATION

- 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.
- When properly installed, these parts will meet the performance requirements of Raychem RT-1404 and SAE-AS-83519/2.
- Part selection: Measure cable jacket diameter at its maximum point. Select the smallest terminator that has a "B" diameter larger than the cable diameter.
- Cable is to be stripped to expose 6.0 -7.5mm [0.235-0.295] of shield.
- 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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		<b>Raychem</b> 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.:			
			<b>SO63-X-9036-GA</b>			
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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