

Product Name		Product Dimensions			
	Mark	A±1.75 [A±0.070]	øB min	øC min	
SO63-1-9036-22		16.50	1.90	2.65	
SO63-1-9036-20	SO631R	[0.650]	[0.075]	[0.105]	
SO63-1-9036-18			[0.073]	[0.103]	
SO63-2-9036-22		16.50	2.65	3.55	
SO63-2-9036-20	SO632R	[0.650]	[0.105]	[0.145]	
SO63-2-9036-18				[0.143]	
SO63-3-9036-22		16.50 [0.650]	4.30	5.00 [0.200]	
SO63-3-9036-20	SO633R				
SO63-3-9036-18		[0.030]	[0.170]		
SO63-4-9036-22		19.10	5.95	6.50 [0.255]	
SO63-4-9036-20	SO634R	[0.750]	[0.235]		
SO63-4-9036-18					
SO63-5-9036-22		19.10	7.00	7.60 [0.300]	
SO63-5-9036-20	SO635R				
SO63-5-9036-18		[0.750]	[0.275]		

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.

TERMAL 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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= TE connectivity				rchem vices	TITLE: SOLDERSLEEVE DEVICE WITH PRE-INSTALLED LEAD, IMMERSION RESISTANT				
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets] TOLERANCES: ANGLES: N/A TE Connectivity reserves the right to amend				DOCUMENT NO.: SO63-X-9036-GA					
0.00 N/A 0.0 N/A 0 N/A		GHNESS IN	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-F	eb-2017	CAGE CODE : 0609		ECO: ECO-20-004474	SCALE:	SIZE:	SHEET: 1 of 1

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