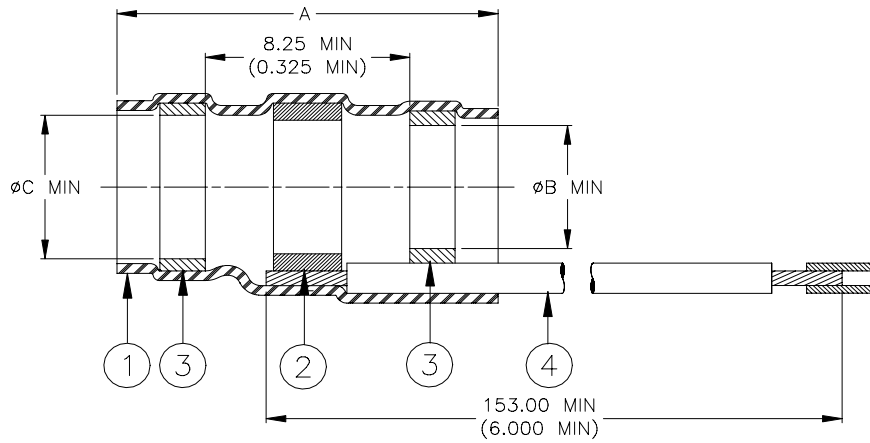


SPECIFICATION CONTROL DRAWING



Product Name	Boeing Number BACS 13CT	Mark	Product Dimensions		
			A±1.75 [A±0.070]	øB min	øC min
SO63-1-9036-22	BACS13CT-1A	SO631R	16.50 [0.650]	1.90 [0.075]	2.65 [0.105]
SO63-1-9036-20	BACS13CT-1C				
SO63-1-9036-18	BACS13CT-1D				
SO63-2-9036-22	BACS13CT-2A	SO632R	16.50 [0.650]	2.65 [0.105]	3.55 [0.145]
SO63-2-9036-20	BACS13CT-2C				
SO63-2-9036-18	BACS13CT-2D				
SO63-3-9036-22	BACS13CT-3A	SO633R	16.50 [0.650]	4.30 [0.170]	5.00 [0.200]
SO63-3-9036-20	BACS13CT-3C				
SO63-3-9036-18	BACS13CT-3D				
SO63-4-9036-22	BACS13CT-4A	SO634R	19.10 [0.750]	5.95 [0.235]	6.50 [0.255]
SO63-4-9036-20	BACS13CT-4C				
SO63-4-9036-18	BACS13CT-4D				
SO63-5-9036-22	BACS13CT-5A	SO635R	19.10 [0.750]	7.00 [0.275]	7.60 [0.300]
SO63-5-9036-20	BACS13CT-5C				
SO63-5-9036-18	BACS13CT-5D				

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 Raychem.
- These parts conform to Boeing Aircraft Company specification BACS13CT. When properly installed, they 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 Raychem approved convection or infra-red heating tool. Tools must be equipped with a suitable reflector. For detailed assembly instruction see Raychem RCPS-100-70.

tyco Electronics		Tyco Electronics Corporation 300 Constitution Drive, Menlo Park, CA. 94025, U.S.A.		<i>Raychem</i>		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		Tyco Electronics reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application.		REV.: A	
		ROUGHNESS IN MICRON				DATE: 1-Aug-06	
PREPARED BY: mforonda		DCR NUMBER: D060206		REPLACES: D050444		CAGE CODE : 06090	
				SCALE: ---		SIZE: A	
						SHEET: 1 of 1	

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