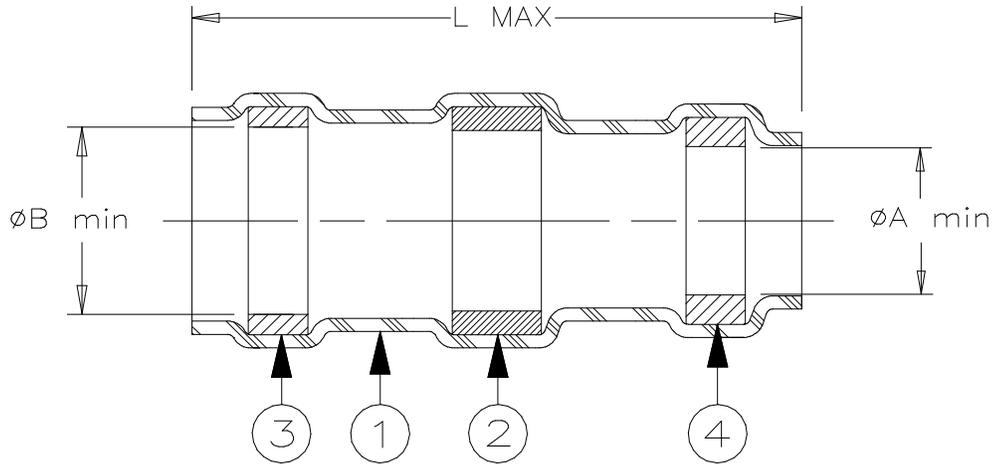


## CUSTOMER DRAWING



Product Name	Product Dimensions			Wire Dimensions	
	L max	A min	B min	J.O.D. max	CMA** Range
D-144-42	26.7 (1.050)	1.9 (0.075)	2.4 (0.095)	1.9 (0.095)	1100- 2800
D-144-43	27.0 (1.060)	2.7 (0.105)	3.2 (0.125)	2.7 (0.105)	2200- 4900

\*\*Not all combinations of wires equaling listed CMA's will fit in sleeve.

### MATERIAL

- INSULATION SLEEVE: Heat-shrinkable, radiation cross-linked polyvinylidene fluoride. Transparent blue.
- SOLDER PREFORM WITH FLUX:  
SOLDER: TYPE Sn63 per ANSI J-STD-006.  
FLUX: TYPE ROL0 per ANSI J-STD-004.  
WEIGHT: 82 ±12mg.
- & 4. MELTABLE RINGS: Thermally stabilized thermoplastic. Color: grey.

### APPLICATION

- This part is designed to make in-line splices in wires, having tin or silver-plated conductors and insulations rated for 125°C minimum.
- Part will provide environmental resistance on splices having no more than 2 wires per side.
- Wires are to be stripped 12.7 (.5) and overlapped under solder preform.
- Part is to be installed using a TE Connectivity-approved infrared or convection heater in accordance with Raychem assembly procedure RCPS-200-09.
- Parts conform to Boeing specification 5D0033.

		<b>Raychem</b> THERMOFIT DEVICES	TITLE: <b>SOLDERSLEEVE*WIRE SPLICE (BOEING 5D0033-42/43)</b>		
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets]			DOCUMENT NO.: <b>D-144-42/-43</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.	REV:  3	DATE:  09-Mar-2020	
DRAWN BY: R. MAPALO	DATE: 14-Jul-1998	ECO: ECO-20-003687	SCALE: NTS	SIZE: A	SHEET: 1 of 1

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