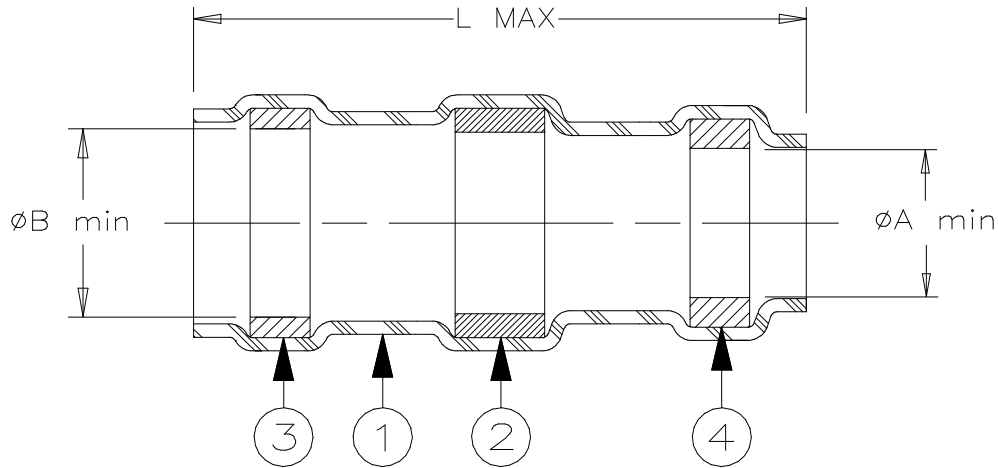


CUSTOMER DRAWING



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

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

APPLICATION

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

		Raychem THERMOFIT DEVICES		TITLE: SOLDERSLEEVE*WIRE SPLICE (BOEING 5D0033-42/43)			
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets]				DOCUMENT NO.: D-144-42/-43			
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

© 09-Mar-2020 Tyco Electronics Corporation. All rights reserved.

If this document is printed it becomes uncontrolled. Check for the latest revision.

*TE Connectivity, TE connectivity (logo), Raychem, THERMOFIT, SolderSleeve are trademarks

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[D-144-43CS1371](#) [6-1194916-2](#) [6-1194916-6](#)