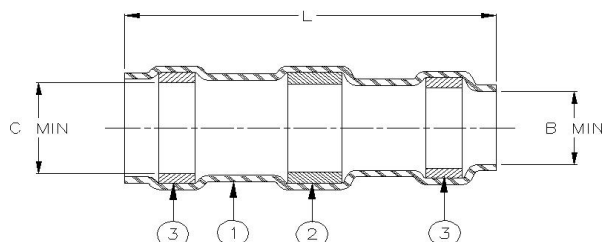


D-142-50 D-142-51 and D-142-52 Solder sleeves for aerospace applications



Product Name	NAS Equiv.	Product Dimensions			Cable Dimensions	
		L 1.52 (L±0.06)	B min	C min	D max	E min
D-142-50	1745-14	15.75	2.80	3.175	3.175	1.40
D-142-51	1745-15	15.75	4.45	5.08	5.08	2.54
D-142-52	1745-16	19.05	7.11	7.62	7.62	4.06

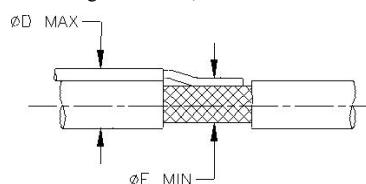
MATERIALS

- INSULATION SLEEVE: Heat shrinkable, radiation cross-linked polyvinylidene fluoride.
Color: natural.
- SOLDER PREFORM WITH FLUX:
SOLDER: TYPE Cd18 per ANSI J-STD-006.
FLUX: TYPE ROL0 per ANSI J-STD-004.
- MELTABLE RINGS: Thermally stabilized thermoplastic, one grey, and one blue.

APPLICATION

- These parts are designed for shield terminations on cables having tin or silver plated shields and insulations rated for at least 105 C and falling within size range listed.
- These parts are designed to meet the requirements of Raychem Specification RT-1404. They also comply with National Aerospace Standard Part Drawing NAS-1745.
See table above for equivalent size.
- For installation techniques, see Raychem Assembly Procedure RCPS 100-70.
- For other sizes available in this configuration, see Raychem Devices Specification Control Drawings D-142-56, -65 & -66.

For best results, prepare the cable as shown:



TE Connectivity, TE connectivity (logo), Raychem, and SolderSleeve are trademarks

		Raychem Devices	TITLE: (105°C) SOLDERSLLEEVE LOW TEMPERATURE			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. INCHES DIMENSIONS ARE BETWEEN BRACKETS.			DOCUMENT NO.: D-142-50/-51/-52			
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: B2	Issue Date: March 2020		
DRAWN BY: M. FORONDA	Drawn Date: 17-Jul-2000	ECO: ECO-20-003573	SCALE: None	SIZE: A	SHEET: 1 of 1	