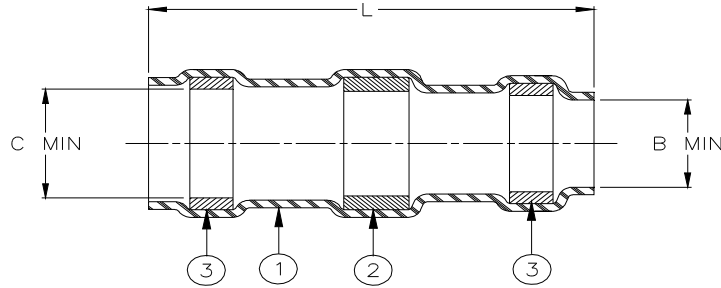


SPECIFICATION CONTROL DRAWING



Product Revisions		NAS Equiv.	Product Dimensions			Cable Dimensions	
Product Name			$L \pm 1.52$ ($L \pm 0.06$)	B min	C min	D max	E min
D-142-50	J	1745-14	15.75 (0.620)	2.80 (0.110)	3.175 (0.125)	3.175 (0.125)	1.40 (0.055)
D-142-51	J	1745-15	15.75 (0.620)	4.45 (0.175)	5.08 (0.200)	5.08 (0.200)	2.54 (0.100)
D-142-52	J	1745-16	19.05 (0.750)	7.11 (0.280)	7.62 (0.300)	7.62 (0.300)	4.06 (0.160)

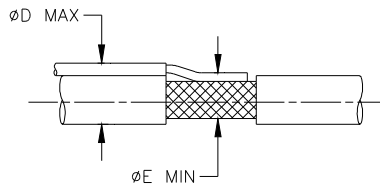
MATERIALS

1. INSULATION SLEEVE: Heat shrinkable, radiation cross-linked polyvinylidene fluoride.
Color: natural.
2. SOLDER PREFORM WITH FLUX:
SOLDER: TYPE Cd18 per ANSI J-STD-006.
FLUX: TYPE ROL1 per ANSI J-STD-004.
3. MELTABLE RINGS: Thermally stabilized thermoplastic, one clear and one blue.

APPLICATION

1. 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.
2. 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.
3. For installation techniques, see Raychem Assembly Procedure RCPS 100-70.
4. 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:



 300 Constitution Drive Menlo Park, CA 94025, USA		THERMOFIT DEVICES	TITLE: (105°C) SOLDER SLEEVE LOW TEMPERATURE				
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. INCHES DIMENSIONS ARE BETWEEN BRACKETS.				
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.		DOCUMENT NO.: D-142-50/-51/-52		REPLACES: N/A	
DRAWN BY: M. FORONDA	DATE: 17-Jul-00	PROD. REV. SEE TABLE	DOC ISSUE: 2	SCALE: None	SIZE: A	SHEET: 1 of 1	

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