SPECIFICATION CONTROL DRAWING



Product Revisions		Proc	luct Dimensi	ons	Cable Dimensions		
Part Name		А	В	L	D	E	J±1.3
		min	min	max	max	min	(.05)
D-142-65	F	10.80	11.65	29.75	11.4	5.7	9.4
		(.425)	(.460)		(.450)	(.225)	
D-142-66	D	13.35	13.84	(1.170)	13.6	8.9	(.370)
		(.525)	(.545)		(.535)	(.350)	

MATERIAL

1. INSULATION SLEEVE: Heat-shrinkable, radiation cross-linked modified polyvinylidene fluoride. Natural.

2. SOLDER PREFORM WITH FLUX:

SOLDER: TYPE Cd18 per ANSI J-STD-006.

FLUX: TYPE ROL1 per ANSI J-STD-004.

3. MELTABLE SEALING RING: Thermally stabilized thermoplastic. Color: blue.

4. MELTABLE SEALING RING: Thermally stabilized thermoplastic. Color: Natural.

APPLICATION

- 1. These parts are designed to provide an environment protected shield termination on cables, rated for 105°C minimum, meeting the dimensional criteria listed and having tin or silver plated shields.
- 2. Temperature range: -55° C to $+125^{\circ}$ C.
- 3. Install using Raychem-approved convection or infrared tools in accordance with Raychem assembly procedure RCPS-100-70.
- 4. Assemblies will meet requirements of Raychem specification RT-1404 and National Aerospace Standard NAS-1747.

For best results, prepare the cable as shown:



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		DEVICES		Raychem Corporation 300 Constitution Drive Menlo Park, CA 94025 USA		TTTLE: SOLDERSLEEVE* SHIELD TERMINATOR			DR	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. INCHES DIMENSIONS ARE IN BETWEEN BRACKETS.						DOCUMENT NO.: D-142-6X				
TOLERANCES: 0.00 N/A 0.0 N/A 0 N/A		drawing ROUGHNESS IN evaluate		n reserves the right to amend this at any time. Users should the suitability of the product for plication.		DCR NUMBER: D981311		REPLACES: D961394		
DRAWN BY: DA' R. MAPALO		DAT	E: 07/14/98	REV.: SEE TABLE		DOC ISSUE: 2	SCALE: NONE	SIZE: A	SHEET: 1 of 1	

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