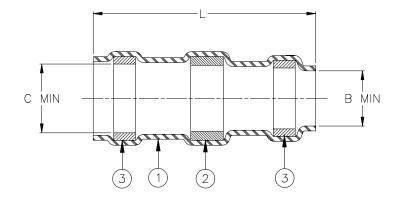
SPECIFICATION CONTROL DRAWING



| Product Revisions | | | P | roduct Dimensi | Cable Dimensions | | |
|-------------------|---|---------|----------|----------------|------------------|---------|---------|
| Product | | NAS | L±1.52 | В | С | D | E |
| Name | | Equiv. | (L±0.06) | min | min | max | min |
| D-142-50 | J | 1745-14 | 15.75 | 2.80 | 3.175 | 3.175 | 1.40 |
| | | | (0.620) | (0.110) | (0.125) | (0.125) | (0.055) |
| D-142-51 | J | 1745-15 | 15.75 | 4.45 | 5.08 | 5.08 | 2.54 |
| | | | (0.620) | (0.175) | (0.200) | (0.200) | (0.100) |
| D-142-52 | J | 1745-16 | 19.05 | 7.11 | 7.62 | 7.62 | 4.06 |
| | | | (0.750) | (0.280) | (0.300) | (0.300) | (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.

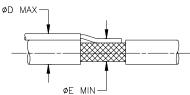
FLUX: TYPE ROL1 per ANSI J-STD-004.

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.
- 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:



| Raychem Interconnect a division of type ELECTRONICS 300 Constitution Drive Menlo Park, CA 94025, USA | | | | | RMOFIT VICES | (105°C) SOLDERSLEEVE 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 | ROUGHNESS IN drawing a | | drawing at | reserves the right to amend this at any time. Users should evaluate bility of the product for their on. | | DCR NUMBER: D000400 | | REPLACES: N/A | | | |
| DRAWN BY: DATE: M. FORONDA | | : 17-July-0 | 0 | PROD. REV. SEE TABL | Æ | DOC ISSUE: | SCALE: None | SIZE: | SHEET: 1 of 1 | | |

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