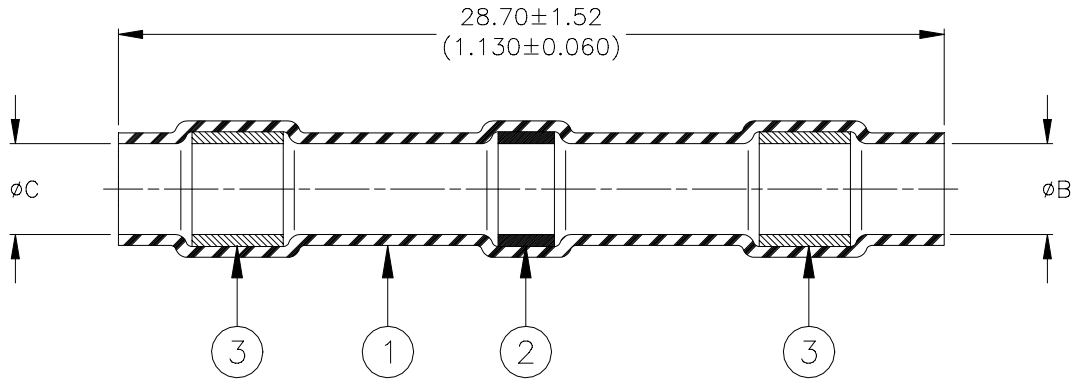


SPECIFICATION CONTROL DRAWING



Product Revisions		NAS Equivalent	Product Dimensions		Typical Wire Bundle Size	
Product Names			øB min	øC min	øD max	øE min
D-144-15	B	1744-1	1.91 (0.075)	2.41 (0.095)	2.41 (0.095)	0.89 (0.035)
D-144-12	C	1744-2	2.54 (0.100)	3.18 (0.125)	3.18 (0.125)	1.39 (0.055)
D-144-13	B	1744-3	4.57 (0.180)	5.08 (0.200)	5.08 (0.200)	2.54 (0.100)
D-144-14	B	1744-4	7.11 (0.280)	7.62 (0.300)	7.62 (0.300)	4.06 (0.160)

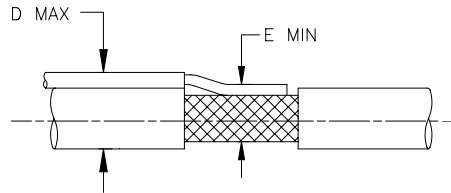
MATERIALS

- INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked polyvinylidene fluoride.
- SOLDER PREFORM WITH FLUX:
 - SOLDER: TYPE Sn63 per ANSI/J-STD-006.
 - FLUX: TYPE ROL1 per ANSI/J-STD-004.
- SEALING RINGS: Immersion resistant thermoplastic. Color: gray.

APPLICATION

- These parts are designed to provide an immersion resistant shield termination on cables, rated for 125°C minimum, meeting the dimensional criteria listed and having tin or silver plated shields.
- These parts are designed to meet the requirements of Raychem Specification RT-1404. They also comply with National Aerospace Standard Part Drawing NAS-1744. See table for equivalent sizes.
- Temperature range: -55°C to +150°C.
- Install using Raychem-approved convection or infrared heating tools in accordance with Raychem Process Standard RCPS-100-70.

For best results, prepare the cable as shown:



tyco Electronics		Tyco Electronics Corporation 300 Constitution Drive, Menlo Park, CA. 94025, U.S.A.		<i>Raychem</i>		TITLE: SOLDERSLEEVE, HIGH TEMPERATURE IMMERSION RESISTANT	
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets]				DOCUMENT NO.: D-144-12/-15			
TOLERANCES: 0.00 N/A 0.0 N/A 0 N/A		ANGLES: N/A ROUGHNESS IN MICRON		Tyco Electronics reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application.			
DRAWN BY: M. FORONDA		CAGE CODE: 06090		REPLACES: D010117		DCR NUMBER: D040238	
PROD. REV.: SEE TABLE		SCALE: None		SIZE: A		SHEET: 1 of 1	

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