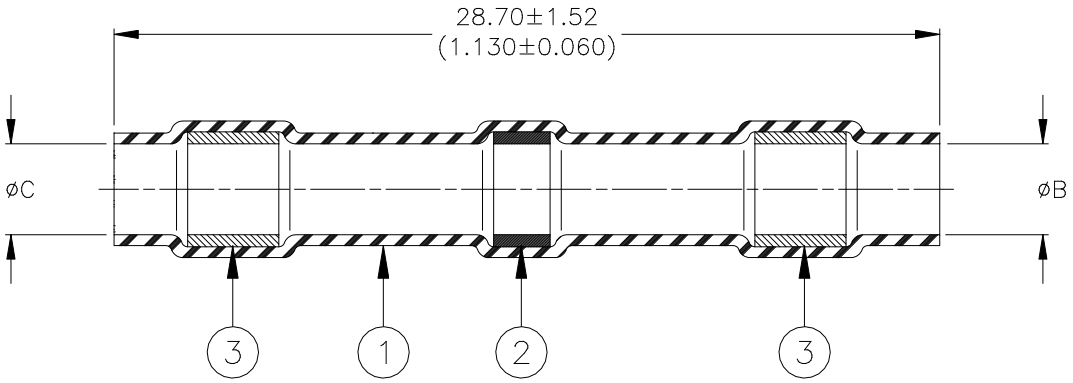
CUSTOMER DRAWING



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

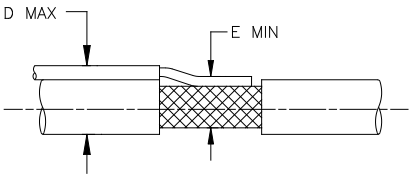
MATERIALS

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

APPLICATION

1. 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.
2. 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.
3. Temperature range: -55°C to +150°C.
4. Install using TE Connectivity-approved convection or infrared heating tools in accordance with Raychem Process Standard RCPS-100-70.

For best results, prepare the cable as shown:



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TE	Raychem	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	TE Connectivity reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application.	Revision: 3; Issue Date : March 2020

DRAWN BY:	CAGE CODE:	DATE:	ECO:	SCALE:	SIZE:	SHEET:
M. FORONDA	06090	1-Sep-04	ECO-20-004474	None	A	1 of 1

Print Date: 1-Apr-20

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