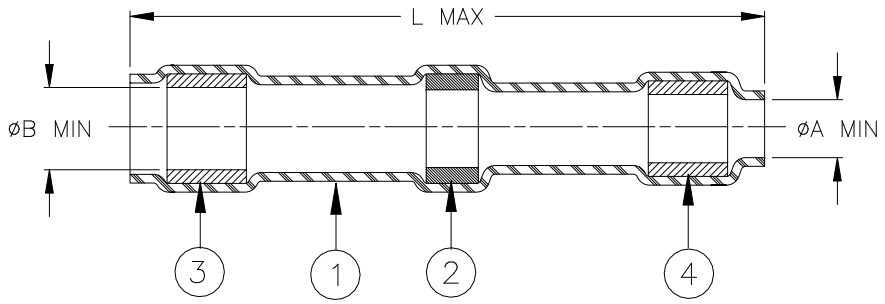
CUSTOMER DRAWING



Product Name	Product Dimensions			CMA Range
	L max	øA min	øB min	
D-1744-05	30.15 (1.187)	1.9 (0.075)	2.4 (0.095)	350 to 2000
D-1744-06	30.15 (1.187)	2.8 (0.110)	3.15 (0.125)	2000 to 4000
D-1744-07	30.15 (1.187)	4.6 (0.180)	5.1 (0.200)	4000 to 10000
D-1744-08	30.15 (1.187)	7.11 (0.280)	7.62 (0.300)	10000 to 13000

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 ROM1 per ANSI/J-STD-004.
3. MELTABLE RING: Thermally stabilized thermoplastic. Color: blue.
4. MELTABLE RING: Thermally stabilized thermoplastic. Color: gray.

APPLICATION

1. These parts are designed to provide an environment resistant in-line splice in wires having nickel-plated conductors and insulation rated for at least 125°C.
2. These parts conform to National Aerospace Standard NAS-1744. When properly installed, they will meet the performance requirements of Tyco Electronics/Raychem RT-1404 and NAS-1747 for splices.
3. Part selection: Determine total CMA of wires to be spliced and select appropriate sleeve. Splice should contain no more than 3 wires per side.
4. Wire is to be stripped to exposed 12.5±1.5 (0.500±0.060) of conductor.
5. Parts may be installed using Tyco Electronics/Raychem approved convection or infrared heating tool. Tools must be equipped with a suitable reflector. For detailed assembly instructions, see Tyco Electronics/Raychem RPIP-850-00.
6. Temperature range: -55°C to +150°C.

TE	Raychem	TITLE: SOLDERSLEEVE WIRE SPLICE
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets]		DOCUMENT NO.: D-1744-05/-06/-07/-08
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: 4 / Issue Date: April 2020

DRAWN BY:	CAGE CODE:	DATE:	ECO:	SCALE:	SIZE:	SHEET:
M. FORONDA	06090	20-May-03	ECO-20-004960	None	A	1 of 1

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