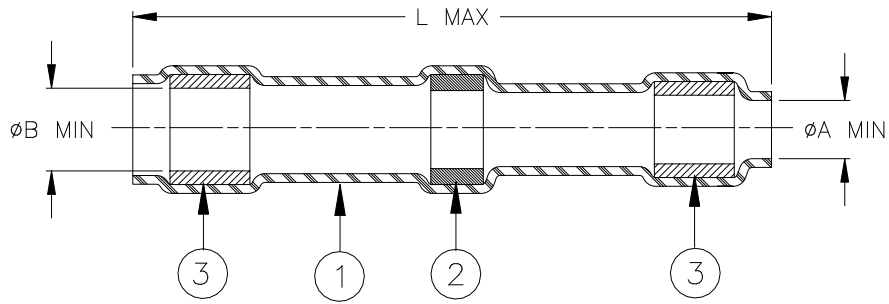


## CUSTOMER DRAWING



Product Name	Product Dimensions			Wire Dimensions		CMA Range
	L max	φA min	φB min	φD		
				max	min	
D-1744-01-LF	30.15 [1.187]	1.90 [0.075]	2.40 [0.095]	1.90 [0.075]	0.50 [0.020]	350 to 2000
D-1744-02-LF	30.15 [1.187]	2.80 [0.110]	3.15 [0.125]	2.80 [0.110]	0.80 [0.030]	2000 to 4000
D-1744-03-LF	30.15 [1.187]	4.60 [0.180]	5.10 [0.200]	4.57 [0.180]	1.30 [0.050]	4000 to 10000
D-1744-04-LF	30.15 [1.187]	7.11 [0.280]	7.62 [0.300]	7.11 [0.280]	2.00 [0.080]	10000 to 13000

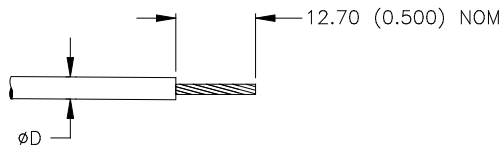
### MATERIALS

- INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked polyvinylidene fluoride.
- SOLDER PREFORM WITH FLUX AND THERMAL INDICATOR:  
 SOLDER: TYPE Sn96 per ANSI/J-STD-006.  
 FLUX: TYPE ROM1 per ANSI/J-STD-004.  
 THERMAL INDICATOR: Color change orange to colorless.
- MELTABLE RINGS: Thermally stabilized thermoplastic. Color: gray.

### APPLICATION

- These parts are designed to provide an environment resistant in-line splice for wires having Ni-plated, or bare copper conductors, that have insulation rated for at least 150°C.
- Temperature range: -55°C to +175°C.
- Install using TE Connectivity-approved convection or infrared tools in accordance with TE Connectivity / Raychem installation procedure RPIP-850-00.

For best results, prepare the wire(s) as shown:



TE Connectivity, TE connectivity (logo), Raychem, and SolderSleeve are trademarks

			TITLE: SOLDERSLEEVE WIRE SPLICE, LEAD FREE			
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets]			<b>Raychem</b> Devices		DOCUMENT NO.: D-1744-01/-04-LF	
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: D	Issue Date: July 2020
DRAWN BY: P. TALLY	CAGE CODE: 06090	DATE: 5-Mar-2018	ECO No: ECO-20-009993	SCALE: NTS	SIZE: A	SHEET: 1 of 1

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