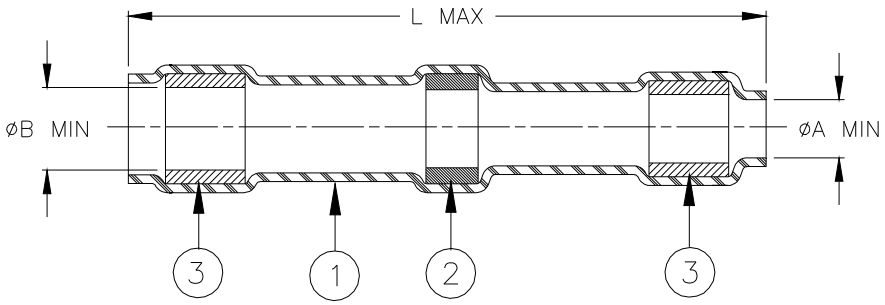
SPECIFICATION CONTROL DRAWING



Product Revision		Product Dimensions			Wire Dimensions		CMA Range
Product Name		L max	øA min	øB min	øD max	øD min	
D-1744-01	B	29.70 (1.170)	1.90 (0.075)	2.40 (0.095)	1.90 (0.075)	0.50 (0.020)	350 to 2000
D-1744-02	C	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	B	29.60 (1.165)	4.60 (0.180)	5.10 (0.200)	4.57 (0.180)	1.30 (0.050)	4000 to 10000
D-1744-04	B	30.00 (1.180)	7.11 (0.280)	7.62 (0.300)	7.11 (0.280)	2.00 (0.080)	10000 to 13000

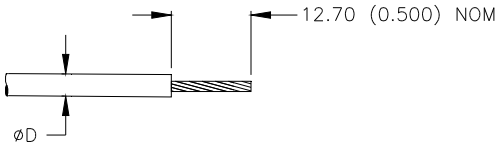
MATERIALS

1. INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked polyvinylidene fluoride.
2. SOLDER PREFORM WITH FLUX AND THERMAL INDICATOR:
   SOLDER: TYPE Sn63 per ANSI/J-STD-006.
   FLUX: TYPE ROL1 per ANSI/J-STD-004.
   THERMAL INDICATOR: Violet
3. MELTABLE RINGS: Thermally stabilized thermoplastic. Color: gray.

APPLICATION

1. These parts are designed to provide an environment resistant in-line splice in wires having tin or silver-plated conductors and insulation rated for at least 125°C.
2. Temperature range: -55°C to +150°C.
3. Install using TE Connectivity/ Raychem-approved convection or infrared tools in accordance with TE Connectivity/ Raychem installation procedure RPIP-850-00.
4. Assemblies will meet requirements of TE Connectivity / Raychem specification RT-1404 and National Aerospace Standard NAS-1744.

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



TE connectivity	TE Connectivity 300 Constitution Drive, Menlo Park, CA. 94025, U.S.A.	Raychem	TITLE: SOLDERSLEEVE WIRE SPLICE				
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets]			DOCUMENT NO.: D-1744-01/-02/-03/-04				
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.	PROD. REV.: SEE TABLE	DOC. ISSUE: 6	DATE: 15-Apr-11		
PREPARED BY: mforonda	DCR NUMBER: D040063	REPLACES: D030265	CAGE CODE : 06090	SCALE: ---	SIZE: A	SHEET: 1 of 1	

Print Date: 9-May-11