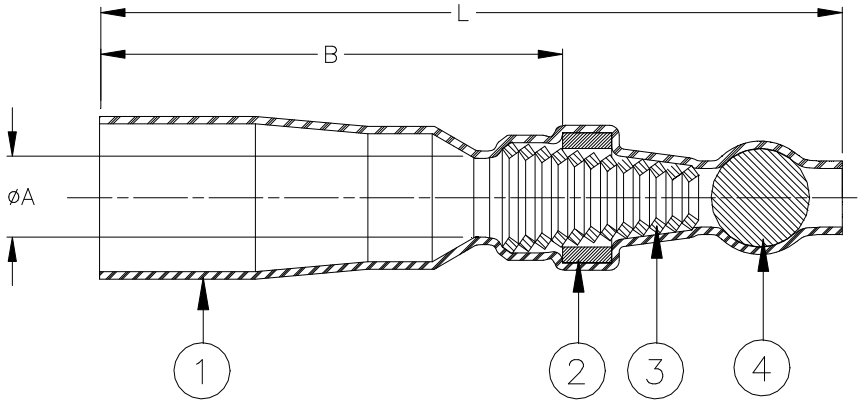
CUSTOMER DRAWING



Product Rev.		Ball Color	Product Dimensions			Copper Cross Section		Bundle Diameter	
Product Name			L±3.50 (L±0.140)	B	øA	Min mm² (CMA)	Max mm² (CMA)	øD max	M±1.00 (M±0.040)
B-066-31	C	Green	38.30 (1.510)	26.00±2.00 (1.025±0.079)	3.10±0.20 (0.125±0.008)	0.70 (1400)	2.40 (4800)	4.00 (0.160)	15.00 (0.590)
B-066-32	C	Red	37.70 (1.485)	23.50±2.00 (0.925±0.079)	3.90±0.20 (0.155±0.008)	2.00 (4000)	4.00 (8000)	6.00 (0.235)	15.00 (0.590)
B-066-33	D	Blue	44.50 (1.750)	25.50±3.00 (1.005±0.118)	5.35±0.30 (0.210±0.012)	3.50 (7000)	9.00 (18000)	8.50 (0.335)	15.00 (0.590)

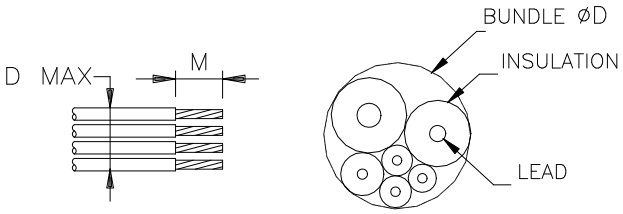
MATERIALS

1. INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked modified polyvinylidene fluoride.
2. SOLDER PREFORM WITH FLUX:
   SOLDER: TYPE Sn60 per ANSI-J-STD-006.
   FLUX: TYPE ROM1 per ANSI-J-STD-004.
3. CONICAL SPRING: Square copper wire.
4. END CLOSURE BALL: Tinted glass. Color: see table.

APPLICATION

1. These controlled soldering devices are designed for stub splicing of stranded wires, with bare copper conductors and an insulation rated for 85°C minimum and 125°C continuous maximum.
2. Temperature range: Class 3, -40°C to +125°C.
3. Vibration range: Class 1 (body).
4. Seal range: Class 0 (seal porous or no seal).
5. For installation procedure and application equipment, consult IR-7-066 with RPIP-711-00 or hot-air gun with RPIP-820-00.

For best results, prepare the cable as shown:



TE Connectivity	Raychem Devices	TITLE : SOLDERSLEEVE DEVICE STUB SPLICE				
Unless otherwise specified dimensions are in millimeters. Inches dimensions are in between brackets.			DOCUMENT NO.: B-066-3X			
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.	DCR NUMBER: ECO-18-009851		REV DATE: 6/21/2018	
DRAWN BY: M. FORONDA	DATE: 10-Jul-01	PROD. REV. SEE TABLE	DOC ISSUE: B	SCALE: None	SIZE: A	SHEET: 1 of 1

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