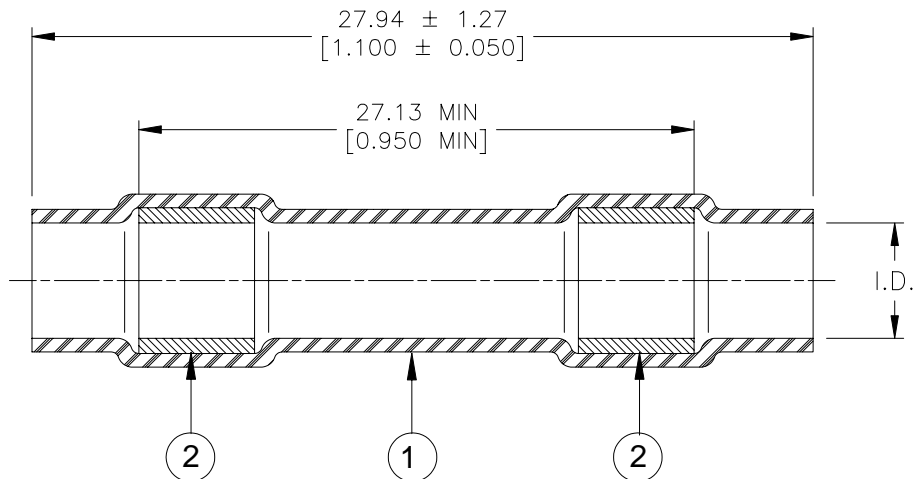
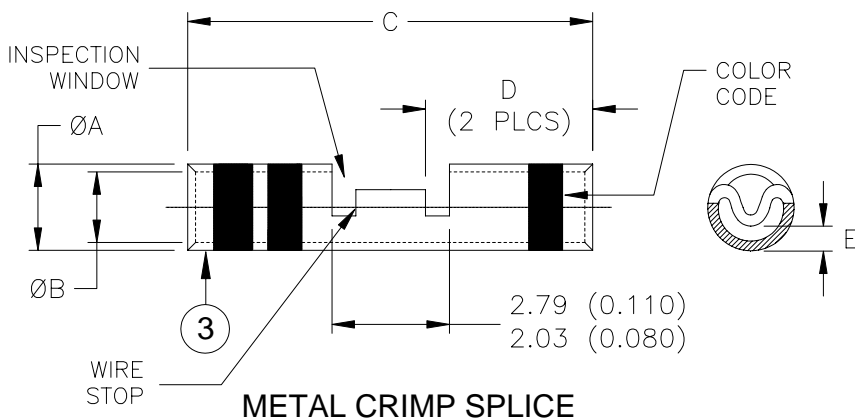


CUSTOMER DRAWING



SEALING SLEEVE



METAL CRIMP SPLICE

Product Name	I.D.* a (min) b (max)	Product Dimensions					COLOR CODE
		A	B	C	D	E max	
D-436-36-SNPB	<u>2.16 (0.085)</u> 0.64 (0.025)	<u>1.27 (0.050)</u> 1.14 (0.045)	<u>2.03 (0.080)</u> 1.91 (0.075)	<u>12.95 (0.510)</u> 12.45 (0.490)	<u>6.22 (0.245)</u> 5.72 (0.225)	0.38 (0.015)	RED
D-436-37-SNPB	<u>2.79 (0.110)</u> 0.64 (0.025)	<u>1.75 (0.069)</u> 1.63 (0.064)	<u>2.69 (0.106)</u> 2.57 (0.101)	<u>14.86 (0.585)</u> 14.35 (0.565)	<u>7.11 (0.280)</u> 6.60 (0.260)	0.51 (0.020)	BLUE
D-436-38-SNPB	<u>4.32 (0.170)</u> 0.64 (0.025)	<u>2.59 (0.102)</u> 2.46 (0.097)	<u>3.89 (0.153)</u> 3.73 (0.147)	<u>14.86 (0.585)</u> 14.35 (0.565)	<u>7.11 (0.280)</u> 6.60 (0.260)	1.27 (0.050)	YELLOW

* I.D.: a) As received; b) After unrestricted recovery through meltable insert.

		300 Constitution Dr Menlo Park, CA 94025, U.S.A.		TITLE: IN-LINE SPLICE SEALING SYSTEM		
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets]		Raychem Devices		DOCUMENT NO.: D-436-36/-37/-38-SNPB		
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.		REV: A	DATE: June 13, 2008	
DRAWN BY: U.NGUYEN	CAGE CODE: 06090	REPLACES: NA	ECO NUMBER: 08-014497	SCALE: NTS	SIZE: A	SHEET: 1 of 2

CUSTOMER DRAWING

MATERIALS

1. INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked modified polyvinylidene fluoride.
2. SEALING RINGS: Immersion resistant thermoplastic. Color: one clear, one color coded (see table below).
3. CRIMP SPLICER:
Base Metal: Copper alloy 101 or 102 per ASTM B-75.
Plating: 90% Tin, 10% Lead per per SAE-AMS-P-81728

APPLICATION

1. These parts are designed to provide immersion resistant in-line splices of 1 to 1 wires falling within size range listed above, and having insulations rated for 135°C.
2. Acceptance sampling shall be in accordance with Paragraph 4.6.1 of SAE-AS81824.
3. Packing and packaging shall be in accordance with Sections 5, Level C, of SAE-AS81824.
4. This document takes precedence over documents reference herein.

ASSEMBLY PROCEDURE:

1. Slide sealing sleeve onto one of the wires to be spliced.
2. Strip wires 5/16" to 11/32".
3. Insert one wire into barrel of crimp splicer and crimp using a Raychem AD-1377 crimp tool. Repeat for other wire.
4. Center sealing sleeve over the splice.
5. Apply heat, using an approved heat source, first to one of the inserts and then the other. Heat should be applied until insert melts and flows axially along the wire.

Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets]

DOCUMENT NO: D-436-36/-37/-38-SNPB	REV: A	ECO NUMBER: 08-014497	DATE: June 13, 2008	SHEET: 2 of 2
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