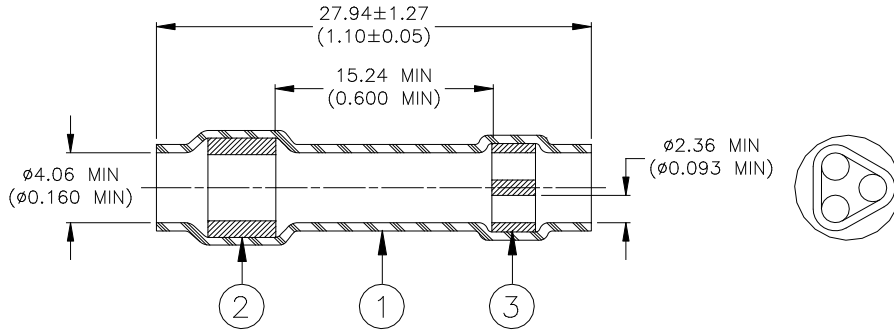
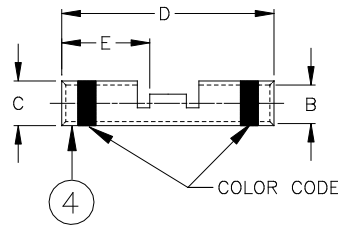


CUSTOMER DRAWING



ITEM #1: SEALING SLEEVE




ITEM #2: CRIMP SPLICE

MATERIALS

1. INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked modified fluoropolymer.
2. SINGLE-WIRE SEAL: Environment resistant modified thermoplastic fluoropolymer. Color: light blue.
3. INTEGRAL MULTI-WIRE SEAL: Environment resistant modified thermoplastic fluoropolymer. Color: light blue.
4. CRIMP SPLICE: Base Metal: Copper Alloy 101 or 102 per ASTM B-75.
Plating: Nickel per SAE-AMS-QQ-N-290.
Color Code: See table below.

Dimensions:

Part Name	Crimp Splice				
	øB	øC	D	E	Color Code
D-200-85	1.27 [0.050]	2.03 [0.080]	12.95 [0.510]	6.22 [0.245]	Red
	1.14 [0.045]	1.91 [0.075]	12.45 [0.490]	5.72 [0.225]	
D-200-86	1.75 [0.069]	2.70 [0.106]	14.86 [0.585]	7.11 [0.280]	Blue
	1.63 [0.064]	2.57 [0.101]	14.35 [0.565]	6.60 [0.260]	
D-200-87	2.60 [0.102]	3.91 [0.154]	14.86 [0.585]	7.11 [0.280]	Yellow
	2.46 [0.097]	3.73 [0.147]	14.35 [0.565]	6.60 [0.260]	

			TITLE: IN-LINE SPLICE SEALING SYSTEM, 2 OR 3 TO 1 SPLICER: NICKEL PLATED, COLOR CODED, WITH INSPECTION SLOTS		
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets]		Raychem Devices	DOCUMENT NO.: D-200-85/-87		
TOLERANCES: 0.00 N/A 0.0 N/A 0 N/A	ANGLES: N/A ROUGHNESS IN MICRON	Tyco Electronics Corporation reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application.		REV: B	DATE: July 20, 2016
PREPARED BY: RODRIGUEZ	CAGE CODE: 06090	ECO NUMBER: ECO-16-011360		SCALE: NTS	SIZE: A SHEET: 1 of 2

CUSTOMER DRAWING

Installation Data:

Part Name	Wire Size Range of Crimp Splice (AWG)					
	One Wire		Two wires		Three wires	
	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum
D-200-85	24	20	26	24	28	24
D-200-86	20	16	24	20	24	22
D-200-87	16	12	22	16	22	18

APPLICATION

1. These parts are designed to provide immersion resistant in-line splices of 2 or 3 to 1 wire falling within the size range listed on sheet 1, having nickel-plated conductors and insulations rated for at least 150°C.
2. Parts are available only as an assembly of one of each Item #1 and Item #2.
3. Parts are to be installed per TE Connectivity RCPS-200-20 Installation Procedure.
4. Inside diameter and outside diameter of splice are to be measured in crimp area, 2.54 to 5.08mm [0.100 to 0.200in] from ends of part. Slight burr permitted on parted surfaces.
5. Acceptance sampling shall be in accordance with Paragraph 4.6.1 of SAE AS81824.
6. Packing and packaging shall be in accordance with Section 5, Level C, of SAE AS81824.
7. This document takes precedence over documents referenced herein.
8. Temperature Range: -65°C to +200°C.

Unless otherwise specified dimensions are in millimeters.
(Inches dimensions are shown in brackets)

DOCUMENT NO.: D-200-85/-87	REV: B	ECO NUMBER: ECO-16-011360	DATE: July 20, 2016	SHEET: 2 of 2
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