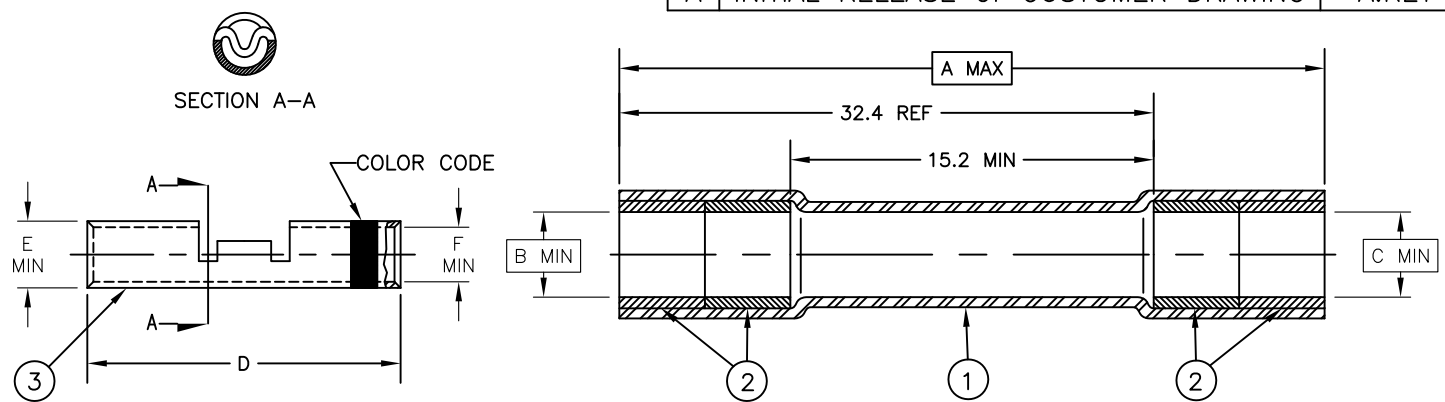


REVISION		
REV	DESCRIPTION	APPROVED
A	INITIAL RELEASE of CUSTOMER DRAWING	A.REY



Product Dimensions							Wire Range (AWG)	Color Code
Product Name	A max	Ø B min	Ø C min	D	Ø E	Ø F		
D-436-0136	52.0 (2.05)	2.55 (0.10)	2.15 (0.08)	12.95 (0.510) 12.45 (0.490)	2.03 (0.080) 1.91 (0.075)	1.27 (0.050) 1.14 (0.045)	26-20	Red
D-436-0137	52.0 (2.05)	3.20 (0.12)	2.80 (0.11)	14.86 (0.585) 14.35 (0.565)	2.70 (0.106) 2.57 (0.101)	1.75 (0.069) 1.63 (0.064)	20-16	Blue
D-436-0138	54.0 (2.12)	4.70 (0.18)	4.30 (0.17)	14.86 (0.585) 14.35 (0.565)	3.89 (0.153) 3.73 (0.147)	2.59 (0.102) 2.46 (0.097)	16-12	Yellow

MATERIALS

- INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked modified polyvinylidene fluoride.
- SEALING RINGS: Immersion resistant thermoplastic. Color: one natural, three color coded (see table).
- CRIMP SPLICER:
 - Base Metal: Copper alloy 101 or 102 per ASTM B-75.
 - Plating: Tin, per ASTM B545.
 - Stamp marking XX approximately as shown on the back of inspection window.
 - Color code: see table.

APPLICATION

- 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.
- Parts will meet all requirements of SAE AS81824/1 when installed as outlined below. Assembly is not required for acceptance testing inspection.
- Acceptance sampling shall be in accordance with Paragraph 4.6.1 of SAE AS81824.
- Packing and packaging shall be in accordance with Sections 5, Level C, of SAE AS81824.
- This document takes precedence over documents reference herein.

ASSEMBLY PROCEDURE:

- Slide sealing sleeve onto one of the wires to be spliced.
- Strip wires 5/16" to 11/32".
- Insert one wire into barrel of crimp splicer and crimp using a Raychem AD-1377 crimp tool. Repeat for other wire.
- Center sealing sleeve over the splice.
- 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.

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CUSTOMER DRAWING

			TITLE: SEALED IN-LINE CRIMP SPLICE		
Unless otherwise specified, dimensions are in millimeters. [Inches dimensions are shown in brackets]			DOCUMENT NUMBER: D-436-0136/-0137/-0138		
TOLERANCES: 0.00 N/A 0.0 N/A 0 N/A		ANGLES: N/A ROUGHNESS IN MICRON		REV: A	
TE Connectivity reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application.		DATE: Aug 30, 2017		SCALE: NTS	
DRAWN BY: A. REY		DRAWN DATE: 8/23/2017		SHEET: 1 of 1	
CAGE CODE: 09090		ECO NUMBER: ECO-17-012803		SIZE: A	