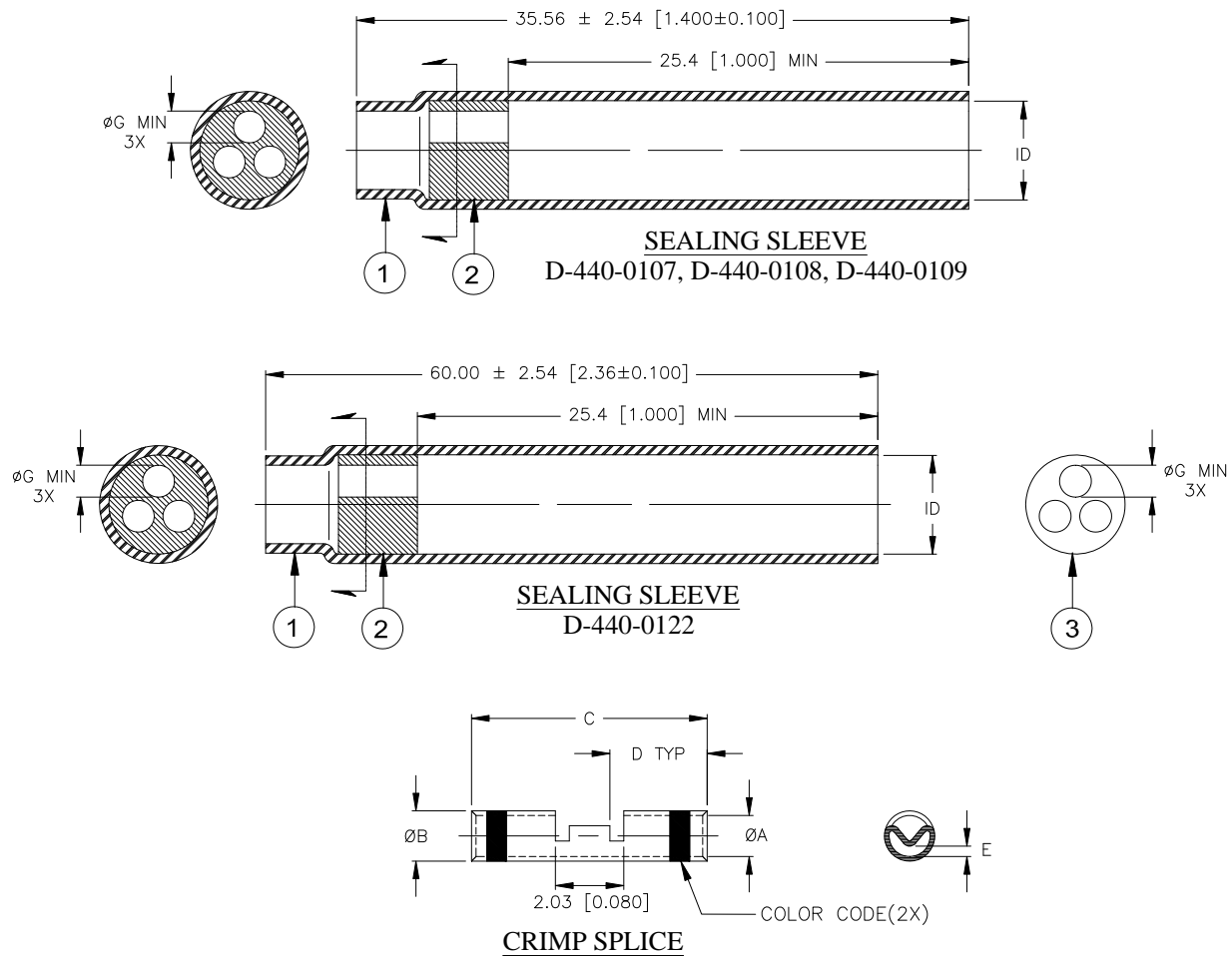


# CUSTOMER DRAWING



Product Name	Crimp Splice							Sealing Sleeve			Max. Wgt. lbs/mpc
	øA	øB	C	D	E	Size Range	Color Code	øG min	I.D.*		
	±0.05 [±0.002]	±0.08 [±0.003]	±0.25 [±0.010]	±0.25 [±0.010]	max	mm <sup>2</sup> [CMA]			min (a)	max (b)	
D-440-0107	1.20 [0.047]	1.97 [0.078]	12.70 [0.500]	5.97 [0.235]	0.38 [0.015]	0.15 to 0.75 [304 – 1510]	Red	1.14 [0.045]	4.19 [0.165]	0	1.32
D-440-0108	1.70 [0.067]	2.62 [0.103]	14.60 [0.575]	6.86 [0.270]	0.51 [0.020]	0.39 to 1.34 [779 – 2680]	Blue	1.60 [0.063]	5.33 [0.210]	0	2.21
D-440-0109	2.54 [0.100]	3.81 [0.150]	14.60 [0.575]	6.86 [0.270]	1.27 [0.050]	0.95 to 3.37 [1900 – 6755]	Yellow	2.11 [0.083]	6.60 [0.260]	0	3.90
D-440-0122	3.28 [0.129]	5.74 [0.226]	17.86 [0.703]	8.05 [0.316]	0.38 [0.064]	2.62 to 6.64 [5180 – 13100]	No color	3.50 [0.138]	9.53 [0.375]	0	5.00

\* I.D.: (a) As received; (b) After unrestricted recovery is 0 which indicates sleeve's diameter being filled up with adhesive

			<b>3 TO 3 IN-LINE SPLICE SEALING SYSTEM</b> <b>TFE INSULATED</b>		
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets]			Raychem Devices		
TOLERANCES: 0.00 N/A 0.0 N/A 0 N/A			Tyco Electronics reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application.		
PREPARED BY: RODRIGUEZ			CAGE CODE: 06090		
ECO NUMBER: ECO-13-015941			DOCUMENT NO.: D-440-0107/-0108/-0109/-0122		
REV: B			DATE: October 10, 2013		
SCALE: NTS			SIZE: A		
SHEET: 1 of 2					

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## CUSTOMER DRAWING

### MATERIALS

1. INSULATION SLEEVE: Heat-shrinkable, transparent clear, polytetrafluoroethylene (PTFE).
2. INTEGRAL MULTI-HOLE INSERT: Thermoplastic Fluoropolymer. Color: natural.
3. SEPARATE MULTI-HOLE INSERT: Thermoplastic Fluoropolymer. Color: natural.
4. CRIMP SPLICE: Base Metal: Copper Alloy 101 or 102 per ASTM B-75.  
Plating: Nickel per SAE AMS-QQ-N-290.

### APPLICATION

1. These devices are designed to provide an environmentally protected 2 or 3 to 2 or 3 in-line crimp splice in wires conforming to M81381/8 or M81381/10.
2. Parts will meet the electrical and mechanical requirements of SAE AS-7928.
3. Use Raychem AD-1377 crimp tool (or equivalent tool) to install crimp barrel. Sealing sleeve may be installed with hot-air heaters or equivalent.
4. Temperature rating: -175°C to + 200°C.
5. Strip length on wires shall be 0.79 [0.031] longer than the maximum “D” dimension of the crimp splice barrel.

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

DOCUMENT NO.: <b>D-440-0107/-0108/-0109/-0122</b>	REV: <b>B</b>	DATE: October 10, 2013	SHEET: 2 of 2
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