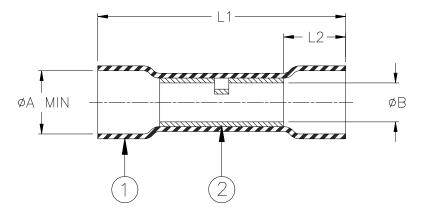# CUSTOMER DRAWING

Product Name	Color	Marking	Size Range mm² (AWG)	L1 ±1.50 [±0.06]	L2 min	øA* (a) min	øA* (b) max	øB min	Wire Strip Length Nom.
D-406-0034	Yellow	DURASEAL® 24-26	0.15 – 0.25 (26 - 24)	31.5 [1.24]	5.0 [0.20]	3.00 [0.118]	1.40 [0.055]	1.09 [0.043]	6 to 8 (1/4 to 5/16)
D-406-0001	Red	DURASEAL® 18-22	0.5 - 1.0 (22 - 18)	31.5 [1.24]	5.0 [0.20]	3.70 [0.146]	1.40 [0.055]	1.47 [0.058]	6 to 10 (1/4 to 3/8)
D-406-0002	Blue	DURASEAL® 14-16	1.5 - 2.5 (16 - 14)	31.5 [1.24]	5.0 [0.20]	4.60 [0.181]	2.00 [0.080]	2.33 [0.092]	6 to 10 (1/4 to 3/8)
D-406-0003	Yellow	DURASEAL® 10-12	3.0 - 6.0 (12 - 10)	37.5 [1.48]	10.0 [0.39]	6.50 [0.255]	2.80 [0.110]	3.50 [0.138]	10 to 13 (3/8 to 1/2)

MATERIALS
1. INSULATION SLEEVE: Heat-shrinkable, radiation cross-linked polyamide (Nylon) with a polyamide-based hot-melt adhesive liner. See above table for applicable sleeve color.
2. CRIMP SPLICE: Tin-plated copper alloy.
    BASE METAL: Copper alloy C11000 per ASTM B152.
    PLATING: Tin-plated per ASTM B545, Class A.

APPLICATION
1. These parts may be used to obtain an environment-resistant one-to-one in-line (butt) splice in wires meeting the size range and diameter restraints specified herein and having a temperature rating of not less than 85°C.
2. * øA: (a) Minimum diameter as received: Wire insulation diameter must be less than this value.
        (b) Maximum diameter after recovery: Wire insulation diameter must be larger than this value to obtain an environment resistant splice.
3. Wires are to be stripped per table, inserted into opposite ends of the crimp barrel, crimped with a TE Connectivity AD-1522 (22-10 AWG) or equivalent. For D-406-0034, Pro-Crimper III with die set 1976357-1 (24-26 AWG) or equivalent may be used. The sleeve must be heated along its entire length until the crimp marks are gone and the ends of the sleeve recover onto the wires.
4. Spliced assemblies will meet the requirements of TE Connectivity / Raychem specification RB-107.
5. Except for D-406-0034, all of the parts covered by this drawing are UL Listed (US and CANADA), File #E87681.

⊒TE TE Connectivity	Raychem Devices	TITLE: **DURASEAL CRIMP SPLICE ENVIRONMENT RESISTANT**	
Unless otherwise specified dimensions are in millimeters. Inches dimensions are shown in [brackets].		DOCUMENT NO.: D-406-00XX	
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.: C3 / REV DATE: 13-Dec-2018
DRAWN BY: P. TALLY	CAGE CODE: 06090	DRAWN DATE: 1/28/2008 / ECO No.: ECO-18-019635	SCALE: NTS / SIZE: A / SHEET: 1 of 1