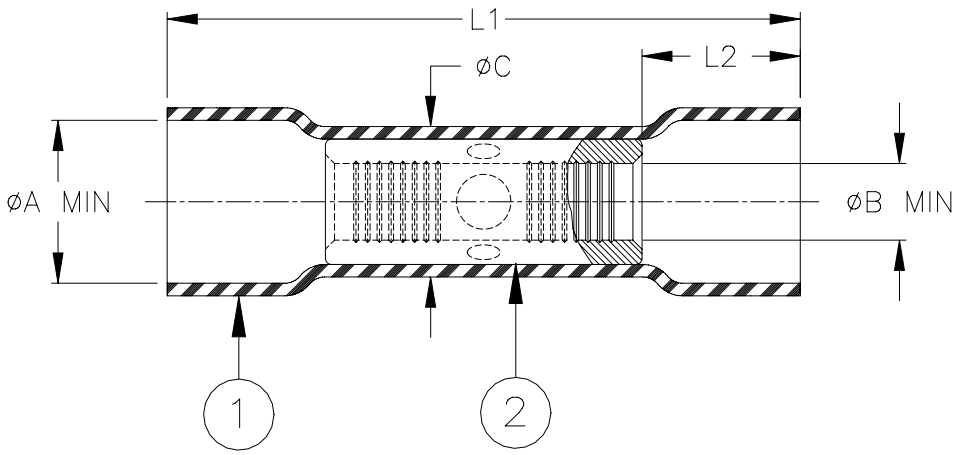
CUSTOMER DRAWING



Product Name	Color	Marking	Size Range mm^2 (AWG)	L1 ±2.0 (L1 ±0.08)	L2 min	øA*		øB min	øC ±0.3 (±0.012)	Delphi Packard No.
						(a)	(b)			
D-406-2004	Red	20-18 AWG	0.50 - 1.0 (20 - 18)	37.0 (1.50)	9.0 (0.35)	4.3 (0.170)	1.5 (0.059)	1.5 (0.059)	4.7 (1.850)	12089189
D-406-2005	Blue	16-14 AWG	1.5 - 2.5 (16 - 14)	37.0 (1.50)	9.0 (0.35)	4.9 (0.193)	2.0 (0.079)	2.0 (0.079)	5.6 (0.220)	12089190
D-406-2006	Yellow	12-10 AWG	3.0 - 6.0 (12 - 10)	42.0 (1.65)	10.0 (0.39)	6.3 (0.248)	3.0 (0.118)	3.2 (0.126)	7.2 (0.283)	12089191

*øA: (a) As received (b) After recovery

MATERIAL

1. INSULATION SLEEVE: Heat-shrinkable, radiation cross-linked modified polyamide (nylon) with hot-melt adhesive lining.
2. CRIMP BARREL: Tin-plated copper alloy.
   BASE METAL: Copper alloy C11000 per ASTM B-152.
   PLATING: Tin-plated per ASTM B545, Class B.

APPLICATION

1. These parts are designed to make an environmentally sealed in-line splice between two wires in the size range listed, and having an insulation diameter between the (a) and (b) limits of øA*.
2. Wires are to be stripped between 7.5 (0.295) and 10.0 (0.394).
3. Crimping must be done with a Raychem AD-1522 crimp tool or equivalent. Install per RPIP-684-00, sleeve must be recovered by heating to obtain environmental protection.
4. This product will meet the requirements of Delphi-Packard Specification 12089192.

Tyco Electronics	300 Constitution Dr Menlo Park, CA 94025, U.S.A.		TITLE: DELPHI-PACKARD CRIMP SPLICE, ENVIRONMENT RESISTANT		
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets]	Raychem Devices		DOCUMENT NO.: D-406-2004/-2005/-2006		
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: H	DATE: August 7, 2008	
REVISED BY: *UNGUYEN*	CAGE CODE: 06090	REPLACES: D040091	ECO NUMBER: ECO-08-019511	SCALE: NTS	SIZE: A / SHEET: 1 of 1

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