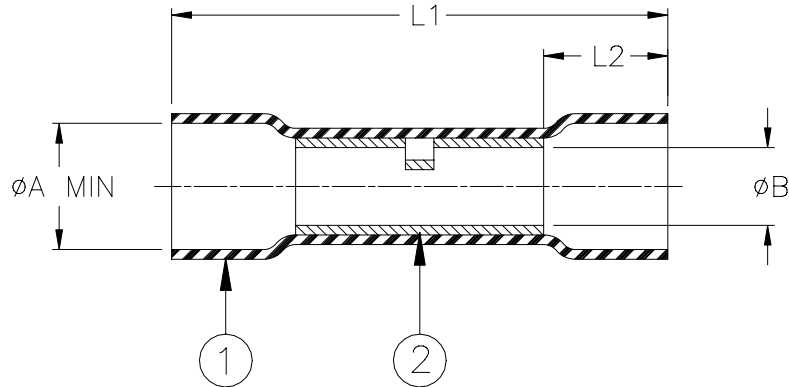


SPECIFICATION CONTROL DRAWING



Product Revision		Color	Marking	Size Range mm ² (AWG)	L1 ±1.5 (L1 ±0.06)	L2 min	øA*		øB min	Wire Strip Length Nom.
Product Name							(a) min	(b) max		
C-203-01	A	Red	PolyCrimp 22-18	0.5 - 1.0 (22 - 18)	31.5 (1.24)	5.00 (0.20)	3.70 (0.146)	1.14 (0.045)	1.47 (0.058)	6 to 10 (1/4 to 3/8)
C-203-02	A	Blue	PolyCrimp 16-14	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)
C-203-03	A	Yellow	PolyCrimp 12-10	3.0 - 6.0 (12 - 10)	37.5 (1.48)	10.0 (0.39)	6.50 (0.255)	2.54 (0.100)	3.50 (0.138)	10 to 13 (3/8 to 1/2)

MATERIALS

1. INSULATION SLEEVE: Heat-shrinkable, radiation cross-linked polyethylene with a polyethylene-based hot-melt adhesive liner. Color per table.
2. CRIMP SPLICE: Tin-plated copper alloy.
BASE METAL: Copper Alloy C110 or better.
PLATING: Tin plated per MIL-T-10727, Type 1.

APPLICATION

1. These parts may be used to obtain a 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 Raychem AD-1522 tool (or equivalent). The sleeve must be heated along its whole 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 Raychem Specification D-5203.

		RAYCHEM Tyco Electronics Corporation 300 Constitutional Drive Menlo Park, CA 94025 USA	TITLE: POLY CRIMP SPLICE			
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets]			DOCUMENT NO.: C-203-0X			
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.	DOC. ISSUE: 1		DATE: 25-Apr-03	
PREPARED BY: mforonda	REPLACES: D010534	DCR NUMBER: D030243	PROD. REV.: SEE TABLE	SCALE: None	SIZE: A	SHEET: 1 of 1

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