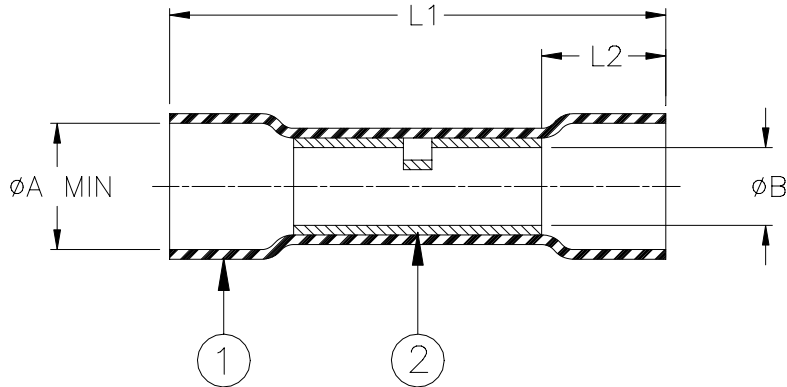


## SPECIFICATION CONTROL DRAWING



Product Revision		Color	Marking	Size Range mm <sup>2</sup> (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

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

### APPLICATION

- 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.
- \*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.
- 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.
- Spliced assemblies will meet the requirements of Raychem Specification D-5203.

<b>tyco</b> Electronics		<b>RAYCHEM</b>	Tyco Electronics Corporation 300 Constitutional Drive Menlo Park, CA 94025 USA		TITLE: <b>POLY CRIMP SPLICE</b>				
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets]					DOCUMENT NO.:				
					<b>C-203-0X</b>				
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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