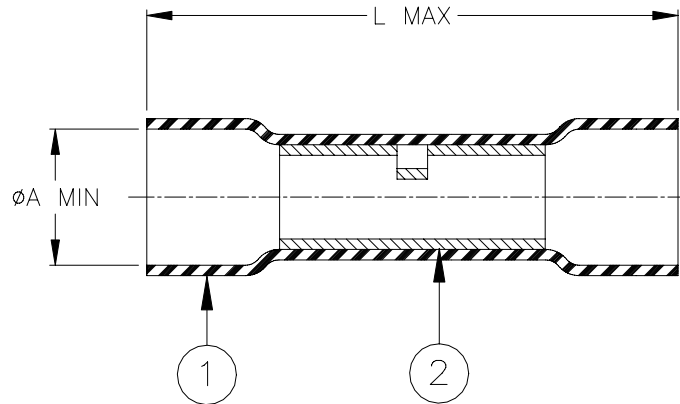


SPECIFICATION CONTROL DRAWING



Product Revision		Product Dimensions			Wire Dimensions		
Product Name		ØA min	L max	Color (1)	Size Range mm ² (AWG)	ØG	
DS-18-22	J	3.70 (0.146)	36.0 (1.417)	Red	0.5 - 1.5 (AWG 22-18)	3.70 (0.146)	1.4 (0.055)
DS-14-16	J	4.60 (0.181)	36.0 (1.417)	Blue	1.5 - 2.5 (AWG 16-14)	4.6 (0.180)	2.0 (0.080)
DS-10-12	J	6.50 (0.255)	43.0 (1.693)	Yellow	3.0 - 6.0 (AWG 12 - 10)	6.50 (0.255)	3.0 (0.118)

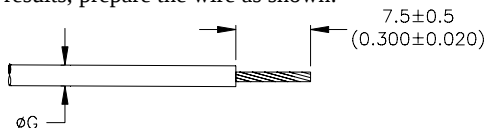
MATERIALS

1. INSULATION SLEEVE: Heat-shrinkable, transparent color (1), radiation cross-linked modified polyamide with thermoplastic adhesive coating inside.
2. CRIMP SPLICE: Tin-plated copper alloy.
BASE METAL: C110 Copper.
PLATING: Tin-plated per MIL-T-10727, Type 1.

APPLICATION

1. These controlled crimp devices are designed to splice tin plated or bare copper stranded wires having an insulation rated for at least 85°C. It will provide an environment resistant and strain relief connection. UL listed wire connector 91J4.
2. Temperature range: -55°C to +125°C.
3. For application tooling and installation, see RPIP-684-00.

For best results, prepare the wire as shown:



tyco Electronics		Raychem 305 Constitution Drive, Menlo Park, CA. 94025, USA	TITLE: DURASEAL CRIMP SPLICE, ENVIRONMENT RESISTANT			
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets]			DOCUMENT NO.: DS-18-22/DS-14-16/DS-10-12			
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.		PROD. REV.: SEE TABLE	DOC. ISSUE: 2	DATE: 26-Mar-03
PREPARED BY: mforonda	DCR NUMBER: D030195	REPLACES: D981053	SCALE: None	SIZE: A	SHEET: 1 of 1	

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