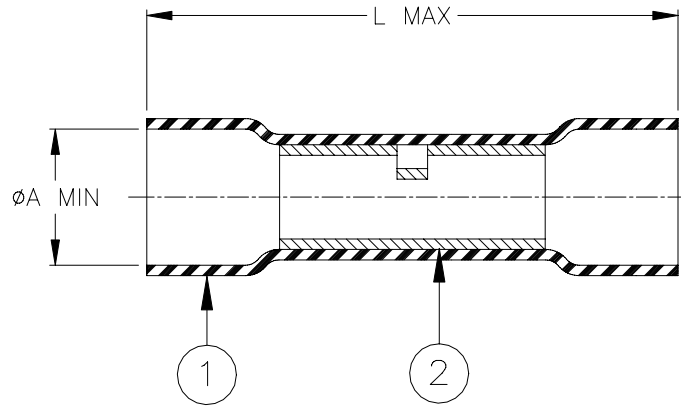


## SPECIFICATION CONTROL DRAWING



Product Revision		Product Dimensions			Wire Dimensions		
Product Name		ØA min	L max	Color (1)	Size Range mm <sup>2</sup> (AWG)	ØG	
						min	max
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)

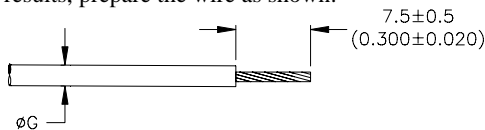
### MATERIALS

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

### APPLICATION

- 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.
- Temperature range: -55°C to +125°C.
- For application tooling and installation, see RPIP-684-00.

For best results, prepare the wire as shown:



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

If this document is printed it becomes uncontrolled. Check for the latest revision.