



DC-SC(436)

CONNECTORS & TERMINIALS

Heat shrink crimp seal connector/butt splice

Applications

Used for wire connections that require lightweight, small size, high performance, and sealing. Widely used in aviation and defense fields.

Features

Sealed crimp connector, compliant with AS81824/1 standard;
Insulation and stress relief;
Easy to install;
Extremely high reliability.

Materials

Tin-plated —— Single-end color ring, recommended for tinned or silver-plated wires;

Nickel-plated —— Double-end color ring, recommended for nickel-plated or silver-plated wires at 150°C and above.



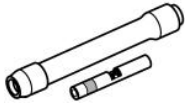
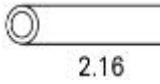
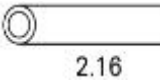
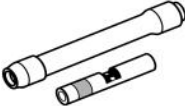
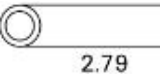
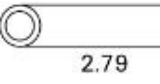
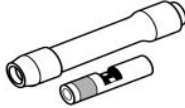
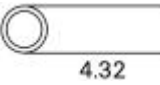
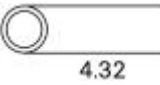
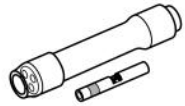
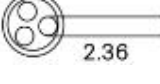
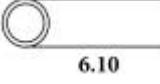
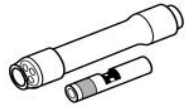
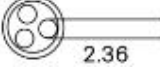
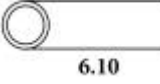
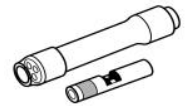
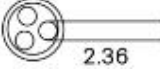
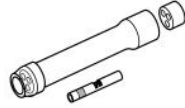
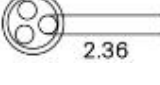
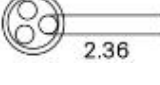
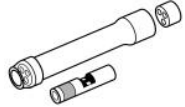
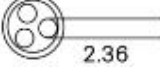
Standard Cross-Sectional Area of Wires

Number of Conductors	7	10	19	19	19	19	19	19	37
AWG	28	26	24	22	20	18	16	14	12
CMA	177	304	475	754	1216	1900	2426	3831	5874
mm ²	0.09	0.15	0.24	0.38	0.61	0.95	1.21	1.92	2.94

Color Code Selection Table for Crimp Copper Terminals

CMA Range	mm ² Range	AWG Wire Gauge	Color
304-1510	0.15-0.75	26-20	Red
779-2680	0.39-1.34	20-16	Blue
1900-6755	0.95-3.37	18-12	Yellow

Standard Products (Wire Connection) Model Selection Table

Standard Crimp Terminals			Crimping Range	Outer Sleeve Dimensions				Copper Terminal Dimensions	
Illustration	Model		mm ²	Outer Sleeve Side 1		Outer Sleeve Side 2		L (mm)	L ₁ (mm)
	Tin-plated	Nickel-plated	Minimum Value - Maximum Value	Seal	Maximum Number of Wires	Seal	Maximum Number of Wires	Average	Average
	SC-436-36 Red	SC-436-82 Red	0.15-0.75	 2.16	2	 2.16	2	29	12.7
	SC-436-37 Blue	SC-436-83 Blue	0.39-1.34	 2.79	2	 2.79	2	29	14.6
	SC-436-38 Yellow	SC-436-84 Yellow	0.95-3.37	 4.32	2	 4.32	2	29	14.6
	SC-436-0110 Red	SC-436-85 Red	0.15-0.75	 2.36	6 (2 Wires per Hole)	 6.10	2	29	12.7
	SC-436-52 Blue	SC-436-86 Blue	0.39-1.34	 2.36	6 (2 Wires per Hole)	 6.10	2	29	14.6
	SC-436-53 Yellow	SC-436-87 Yellow	0.95-3.37	 2.36	6 (2 Wires per Hole)	 6.10	2	29	14.6
	SC-436-0115 Red	SC-436-88 Red	0.15-0.75	 2.36	6 (2 Wires per Hole)	 2.36	6 (2 Wires per Hole)	34	12.7
	SC-436-42 Blue	SC-436-89 Blue	0.39-1.34	 2.36	6 (2 Wires per Hole)	 2.36	6 (2 Wires per Hole)	34	14.6
	SC-436-43 Yellow	SC-436-90 Yellow	0.95-3.37	 2.36	6 (2 Wires per Hole)	 2.36	6 (2 Wires per Hole)	34	14.6

