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FEATURES AND SPECIFICATIONS**Features and Benefits**

- Double cantilever design
- Single beam terminal is available for low insertion force 7821 Series (contact Inside Sales)
- For low-level current and voltage use Gold plating
- Phosphor Bronze is recommended for rated current
- Complete line of terminal crimping equipment available (see Application Tooling section of this catalog)

Reference Information

Product Specification: PS-08-50

Packaging: Reel or bag

Tooling Information: See crimp tooling section

UL File No.: E29179

CSA File No.: LR19980

Use With: 2139, 3069 and 41695

Designed In: Inches

Electrical

Voltage: 250V AC max.

Current:

AWG	18	20	22	24	26
Phosphor Bronze (A) max.	7.00	6.25	5.50	5.00	4.50
Brass (A) max.	5.00	4.75	4.50	4.25	4.00

Contact Resistance: 6mΩ max.

Dielectric Withstanding Voltage: 1500V AC

Insulation Resistance: 50K MΩ min.

Mechanical

Contact Insertion Force: 1.8kg (4 lb) max.

Contact Retention to Housing: 3.6kg (8 lb) min.

Wire Pull-Out Force: 20 lb max./18 AWG

Normal Force: 0.75kg (1.65 lb)

Durability: 25 cycles max.

Physical

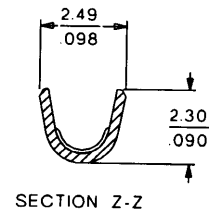
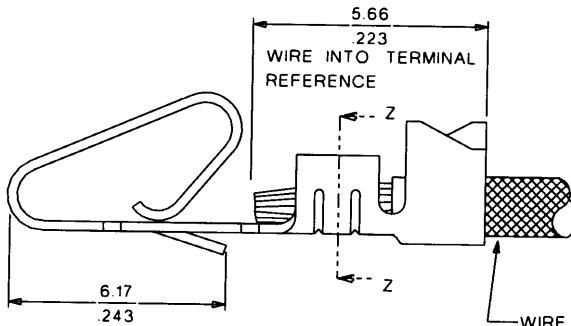
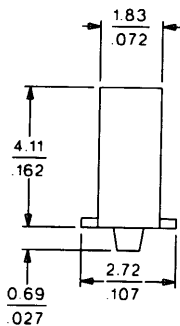
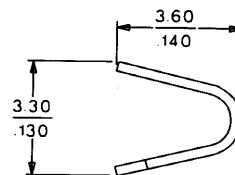
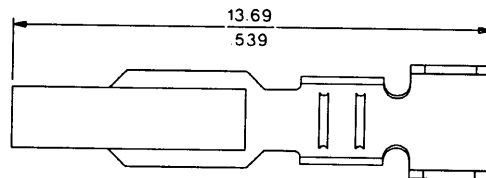
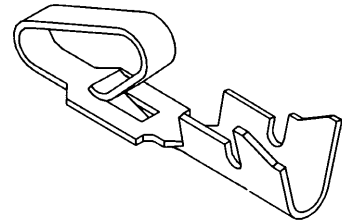
Contact: Brass or Phosphor Bronze

Plating: See Table

Temperature: Phosphor Bronze—0 to +75°C

Brass—0 to +50°C

molex® 3.96mm (.156") Pitch
KK®

Crimp Terminal**2478/2578**WIRE SHOWN FOR
REFERENCE ONLY

Note: 2478 shown

ORDERING INFORMATION AND DIMENSIONS

Wire Size AWG	Insulation OD	Series	Material	Order No.					
				Tin Plating		Gold Plating No. 1		Gold Plating No. 2	
				Bag	Reel	Bag	Reel	Bag	Reel
18-20	2.79 (.110) max.	2478	Phosphor Bronze	• 08-52-0072	• 08-52-0071	• 08-58-0122	• 08-58-0121	• 08-65-0115	• 08-65-0114
18-20	2.79 (.110) max.	2478	Brass	08-50-0106	08-50-0105	08-56-0106	08-56-0105	08-55-0104	08-55-0103
22-26	1.65 (.065) max.	2578	Phosphor Bronze	• 08-50-0134	• 08-50-0133	• 08-58-0126	• 08-58-0125	• 08-65-0117	• 08-65-0116
22-26	1.65 (.065) max.	2578	Brass	08-50-0108	08-50-0107	08-56-0108	08-56-0107	08-55-0106	08-55-0105

• US Standard Product, available through Molex franchised distributors

Recommended wire range assumes stranded wire

Plating No. 1: 20μ" min. Gold in contact area with a flash overall

Plating No. 2: 15μ" min. Gold in contact area only