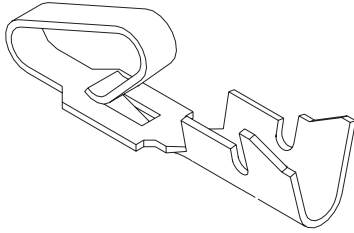


# 3.96mm (.156") Pitch KK<sup>®</sup> Crimp Terminal

2478/2578



### Features and Benefits

- Double cantilever design
- Single beam terminal is available for low insertion force 7821 Series (contact Molex)
- 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: Max.

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

Contact Resistance: 6 milliohms max.  
Dielectric Withstanding Voltage: 1500V AC  
Insulation Resistance: 50K Megohms 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

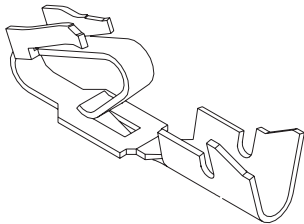
Contact: Brass or Phosphor Bronze  
Plating: See Table  
Operating Temperature: Phosphor Bronze—0 to +75°C  
Brass—0 to +50°C

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

Recommended wire range assumes stranded wire  
Plating No. 1: 20µm min. Gold in contact area with a flash overall  
Plating No. 2: 15µm min. Gold in contact area only

# 3.96mm (.156") Pitch KK<sup>®</sup> Crimp Terminal

6838/7258  
Trifurcon<sup>™</sup>



### Features and Benefits

- Complete line of terminal crimping equipment available (see Application Tooling section of this catalog)
- Accommodates 18 to 26 AWG
- Trifurcon design provides 3 distinct points of contact
- Ideal choice where high shock or vibration exists
- For low current/voltage, Gold is recommended
- Phosphor Bronze recommended for rated current

### Reference Information

Product Specification: PS-40-02  
Packaging: Reel or bag  
Tooling Information: See crimp tooling section  
Use With: 6442 and 41695 crimp terminal housings  
Designed In: Inches

### Electrical

Voltage: 250V AC max.  
Current: Max.

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

Contact Resistance: 6 milliohms max.  
Dielectric Withstanding Voltage: 1500V AC  
Insulation Resistance: 50K Megohms 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  
Operating Temperature: Phosphor Bronze—0 to +75°C  
Brass—0 to +50°C

Wire Size AWG	Insulation OD	Series	Material	Order No.						Lead-free
				Tin Plating		Gold Plating		Select Gold Plating		
				Reel	Bag	Reel	Bag	Reel	Bag	
18-20	2.79 (.110) max.	6838	Phosphor Bronze	<a href="#">08-52-0112</a>	<a href="#">08-52-0113</a>	<a href="#">08-58-0187</a>	<a href="#">08-58-0189</a>	<a href="#">08-58-0110</a>	<a href="#">08-58-0111</a>	Yes
			Brass	<a href="#">08-50-0187</a>	<a href="#">08-50-0189</a>					
22-26	1.65 (.065) max.	7258	Phosphor Bronze	<a href="#">08-52-0124</a>	<a href="#">08-52-0125</a>	<a href="#">08-56-0123</a>	<a href="#">08-56-0124</a>	<a href="#">08-65-0121</a>	<a href="#">08-65-0122</a>	
			Brass	<a href="#">08-50-0183</a>	<a href="#">08-50-0185</a>					