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ELECTRONICS

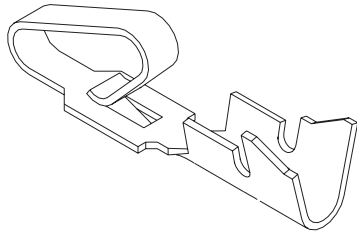
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Jameco Part Number 1960396

# 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

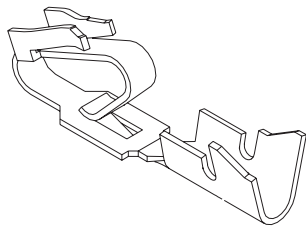
Wire Size AWG	Insulation OD	Series	Material	Order No.						Lead-free
				Tin Plating		Gold Plating No. 1		Gold Plating No. 2		
				Reel	Bag	Reel	Bag	Reel	Bag	
18-20	2.79 (.110)	max. 2478	Phosphor Bronze	<a href="#">08-52-0071</a>	<a href="#">08-52-0072</a>	<a href="#">08-58-0121</a>	<a href="#">08-58-0122</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

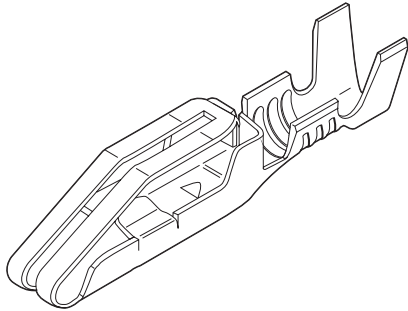
Contact Insertion Force: 1.8kg (4 lb) max.  
Contact Retention to Housing: 3.6kg (8 lb) min.  
Wire Pull-Out Force: 20 lb max./18 AWG  
Normal Force: 0.75kg (1.65 lb)  
Durability: 25 cycles max.

### 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>					

## 3.96mm (.156") Pitch Double-Sided Edge KK<sup>®</sup> Connector Terminals 4366 PC Crimp and Solder Eyelet



### Features and Benefits

- Solder loop version available
- Anti-fishhooking feature prevents terminals from snagging
- Wire barrier prevents stripped wire from entering the contact area
- Coined outside edges prevent excess scoring of the solder pad surfaces
- Patented bifurcated contact area
- Anti-overstress feature

### Reference Information

Packaging: Reel or bag  
Use With: 4338  
Designed In: Inches

### Electrical

Voltage: 250V  
Current: 5.0A  
Contact Resistance: 20 milliohms max.  
Dielectric Withstanding Voltage: 1500V  
Insulation Resistance: 50,000 Megohms min.

### Mechanical

Contact Retention to Housing: 8 lb min.  
Wire Pull-Out Force: 20 lb for 18 AWG  
(less for smaller wire)

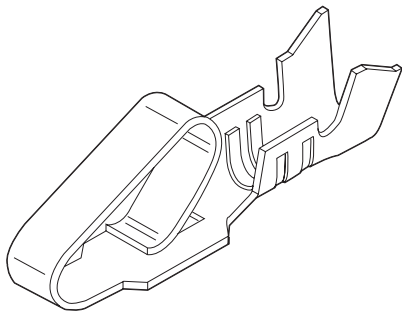
### Physical

Contact: Brass  
Plating: See Table  
Operating Temperature: 0 to +75°C

Order No.		Crimp Wire Size	Maximum Insulation Diameter	Engineering No.	Plating	Lead-free
Reel Form	Bag Form					
<a href="#">08-03-0303</a>	<a href="#">08-03-0304</a>	18-20	2.79 (.110)	4366	Tin	Yes
<a href="#">08-05-0301</a>	<a href="#">08-05-0302</a>			4366	Gold	

[www.molex.com/product/edgcard/](http://www.molex.com/product/edgcard/)

## 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

Order No.						Wire Size AWG	Insulation OD	Series	Material	Lead-free
Tin Plating		Gold Plating No. 1		Gold Plating No. 2						
Reel	Bag	Reel	Bag	Reel	Bag					
<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>	18-20	2.79 (.110)	max. 2478	Phosphor Bronze	Yes
<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>	18-20	2.79 (.110)	max. 2478	Brass	
<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>	22-26	1.65 (.065)	max. 2578	Phosphor Bronze	
<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>	22-26	1.65 (.065)	max. 2578	Brass	

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



# PRODUCT SPECIFICATION

## 1.0 SCOPE

This Product Specification covers the 3.96 mm (.156 inch) centerline (pitch) 1.14mm (.045) square pin headers when mated with either printed circuit board (PCB) connectors or connectors terminated with 18 to 26 AWG wire using crimp technology.

## 2.0 PRODUCT DESCRIPTION

### 2.1 PRODUCT NAME AND SERIES NUMBERS

Crimp Terminals: 2478,2578,2878,2477,

Crimp Housings: 2139, 41695

PCB Connectors: 2145, 41815

Headers: 41771, 41772, 41791, 41792, 42471, 42472, 42491, 42492, 41661, 41662, 41671, 61672, 41681, 41682

Other products conforming to this specification are noted on the individual drawings.

### 2.2 DIMENSIONS, MATERIALS, PLATINGS AND MARKINGS

Terminal Material: Brass or Phos. Bronze (for Max performance use phos bronze material.)

Housing: Nylon or Polyester

Pins: Brass or Phos. Bronze

For more information on dimensions, materials, and plating see the individual drawings.

### 2.3 SAFETY AGENCY APPROVALS

UL File Number ..... E29179

CSA .....LR19980

## 3.0 APPLICABLE DOCUMENTS AND SPECIFICATIONS

3.1 PS-45499-002 COSMETIC SPECIFICATION

## 4.0 RATINGS

### 4.1 VOLTAGE

250 Volts

**4.2 CURRENT** (Current is dependent on connector size, contact material, plating, ambient temperature, printed circuit board characteristics and related factors. Actual current rating is application dependent and should be evaluated for each application.)

#### a. For Crimp Terminals- and Applicable Wires

Wire Awg	Amps (Max) With Brass	Amps (Max) With Phos Bronze	Wire Insulation Dia
18	5.00	7.00	See terminal drawings
20	4.75	6.25	See terminal drawings
22	4.50	5.50	See terminal drawings
24	4.25	5.00	See terminal drawings
26	4.00	4.50	See terminal drawings

<b>REVISION:</b> <b>R3</b>	<b>ECR/ECN INFORMATION:</b> EC No: <b>UCP2008-1760</b> DATE: <b>2008/01/30</b>	<b>TITLE:</b> <b>PRODUCT SPECIFICATION</b> <b>.156 CENTER KK CONNECTORS</b>	<b>SHEET No.</b> <b>1 of 5</b>
<b>DOCUMENT NUMBER:</b> <b>PS-08-50</b>	<b>CREATED / REVISED BY:</b> <b>ADERR</b>	<b>CHECKED BY:</b> <b>JBELL</b>	<b>APPROVED BY:</b> <b>FSMITH</b>



# PRODUCT SPECIFICATION

## 4.2 CURRENT (cont)

### b. For Printed Circuit Board Connectors

Connector Style	Amps (Max) With Brass	Amps (Max) With Phos Bronze
Top Entry	4.50	5.00
Right Angle	4.50	5.00
Bottom Entry	4.00	4.50

## 4.3 TEMPERATURE (ambient + 30°C temp rise)

	Brass	Phos Bronze
Operating Temperature	0°C to +50°C	0°C to +75°C
Non Operating Temperature	-40°C to +105°C	-40°C to +105°C

## 5.0 PERFORMANCE

### 5.1 ELECTRICAL REQUIREMENTS

DESCRIPTION	TEST CONDITION	REQUIREMENT
Contact Resistance (Low Level)	Mate connectors: apply a maximum voltage of 20 mV and a current of 100 mA.	10 milliohms MAXIMUM [initial]
Contact Resistance of Wire Termination (Low Level)	Terminate the applicable wire to the terminal and measure wire using a voltage of 20 mV and a current of 100 mA.	2 milliohms MAXIMUM [initial]
Insulation Resistance	Unmate & unmount connectors: apply a voltage of 500 VDC between adjacent terminals and between terminals to ground.	1000 Megohms MINIMUM
Dielectric Withstanding Voltage	Unmate connectors: apply a voltage of {two times the rated voltage plus 1000 volts} VAC for 1 minute between adjacent terminals and between terminals to ground.	No breakdown
Capacitance	Measure between adjacent terminals at 1 MHz.	1.2 picofarads MAXIMUM
Temperature Rise (via Current Cycling)	Mate connectors: measure the temperature rise at the rated current after: 1) 96 hours (steady state) 2) 240 hours (45 minutes ON and 15 minutes OFF per hour) 3) 96 hours (steady state)	Temperature rise: +30°C MAXIMUM

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DOCUMENT NUMBER: <b>PS-08-50</b>	CREATED / REVISED BY: <b>ADERR</b>	CHECKED BY: <b>JBELL</b>	APPROVED BY: <b>FSMITH</b>



# PRODUCT SPECIFICATION

## 5.2 MECHANICAL REQUIREMENTS

DESCRIPTION	TEST CONDITION	REQUIREMENT
Connector Mate and Unmate Forces	Per circuit when mated to a .045 Sq. pin. Mate and unmate connector (male to female) at a rate of 25 ± 6 mm (1 ± ¼ inch) per minute.	<u>Without Friction Lock</u>  9.4 N (2.12 lbf) MAXIMUM insertion force & 1.8 N (0.40 lbf) MINIMUM withdrawal force
		<u>With Friction Lock</u>  10.7 N (2.40 lbf) MAXIMUM insertion force & 4.0 N (0.90 lbf) MINIMUM withdrawal force
Terminal Insertion Force (into Housing)	Apply an axial insertion force on the terminal at a rate of 25 ± 6 mm (1 ± ¼ inch) per minute. (Forces will change with platings and materials.)	17.8 N (4.0 lbf) MAXIMUM insertion force
Terminal Retention Force (in Housing)	Axial pullout force on the terminal in the housing at a rate of 25 ± 6 mm (1 ± ¼ inch) per minute. (Forces will change with platings and materials.)	35.6 N (8.0 lbf) MINIMUM withdrawal force
Durability	Mate connectors up to 25 cycles at a maximum rate of 10 cycles per minute prior to Environmental Tests.	10 milliohms MAXIMUM (change from initial)
Vibration (Random)	Mate connectors and vibrate per EIA 364-28, test condition VII.	10 milliohms MAXIMUM (change from initial) & Discontinuity < 1 microsecond
Shock (Mechanical)	Mate connectors and shock at 50 g's with ½ sine wave (11 milliseconds) shocks in the ±X,±Y,±Z axes (18 shocks total).	10 milliohms MAXIMUM (change from initial) & Discontinuity < 1 microsecond
Wire Pullout Force (Axial)	Apply an axial pullout force on the wire at a rate of 25 ± 6 mm (1 ± ¼ inch) per minute. (For maximum performance use Molex application tooling with stranded tinned copper wire)	18 awg = 89 N (20 lbf) 20 awg = 66 N (15 lbf) 22 awg = 53 N (12 lbf) 24 awg = 35 N (8 lbf) 26 awg = 22 N (5 lbf)
Normal Force	Apply a perpendicular force.	7.34 N (748 grams) average

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DOCUMENT NUMBER: <b>PS-08-50</b>	CREATED / REVISED BY: <b>ADERR</b>	CHECKED BY: <b>JBELL</b>	APPROVED BY: <b>FSMITH</b>



# PRODUCT SPECIFICATION

## 5.3 ENVIRONMENTAL REQUIREMENTS

DESCRIPTION	TEST CONDITION	REQUIREMENT										
Shock (Thermal)	Mate connectors; expose to 5 cycles of: <table border="1"> <thead> <tr> <th>Temperature °C</th> <th>Duration (Minutes)</th> </tr> </thead> <tbody> <tr> <td>-40 +0/-3</td> <td>30</td> </tr> <tr> <td>+25 ±10</td> <td>5 MAXIMUM</td> </tr> <tr> <td>+105 +3/-0</td> <td>30</td> </tr> <tr> <td>+25 ±10</td> <td>5 MAXIMUM</td> </tr> </tbody> </table>	Temperature °C	Duration (Minutes)	-40 +0/-3	30	+25 ±10	5 MAXIMUM	+105 +3/-0	30	+25 ±10	5 MAXIMUM	10 milliohms MAXIMUM (change from initial) & Visual: No Damage
Temperature °C	Duration (Minutes)											
-40 +0/-3	30											
+25 ±10	5 MAXIMUM											
+105 +3/-0	30											
+25 ±10	5 MAXIMUM											
Thermal Aging	Mate connectors; expose to: 96 hours at 105 ± 2°C	10 milliohms MAXIMUM (change from initial]) & Visual: No Damage										
Humidity (Steady State)	Mate connectors: expose to a temperature of 40 ± 2°C with a relative humidity of 90-95% for 96 hours.  Note: Remove surface moisture and air dry for 1 hour prior to measurements.	10 milliohms MAXIMUM (change from initial) & Dielectric Withstanding Voltage: No Breakdown at 500 VAC & Insulation Resistance: 1000 Megohms MINIMUM & Visual: No Damage										
Humidity (Cyclic)	Mate connectors: cycle per EIA-364-31: 24 cycles at temperature 25 ± 3°C at 80 ± 5% relative humidity and 65 ± 3°C at 50 ± 5% relative humidity; dwell time of 1.0 hour; ramp time of 0.5 hours.  {Note: Remove surface moisture and air dry for 1 hour prior to measurements.}	10 milliohms MAXIMUM (change from initial) & Dielectric Withstanding Voltage: No Breakdown at 500 VAC & Insulation Resistance: 1000 Megohms MINIMUM & Visual: No Damage										
Solderability	Per SMES-152	Solder coverage: 95% MINIMUM (per SMES-152)										

REVISION: <b>R3</b>	ECR/ECN INFORMATION: EC No: <b>UCP2008-1760</b> DATE: <b>2008/01/30</b>	TITLE: <b>PRODUCT SPECIFICATION .156 CENTER KK CONNECTORS</b>	SHEET No. <b>4 of 5</b>
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# PRODUCT SPECIFICATION

## 5.3 ENVIRONMENTAL REQUIREMENTS

DESCRIPTION	TEST CONDITION	REQUIREMENT
Solder Resistance	Dip connector terminal tails in solder: Solder Duration: 5 ± 0.5 seconds; Solder Temperature: 230 ± 5°C	Visual: No Damage to insulator material
Cold Resistance	Mate connectors: Duration: 96 hours; Temperature: -40 ± 3°C	10 milliohms MAXIMUM (change from initial) & Visual: No Damage
Corrosive Atmosphere: Flowing Mixed Gas (FMG)	Mate connectors: Test per EIA-364-65, method 2A	10 milliohms MAXIMUM (change from initial) & Visual: No Damage

## 6.0 PACKAGING

Parts shall be packaged to protect against damage during handling, transit and storage.

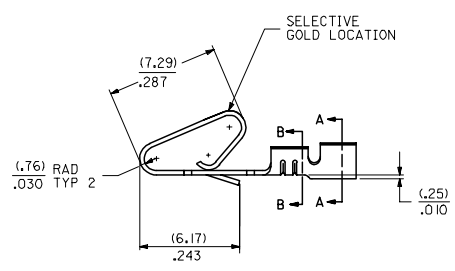
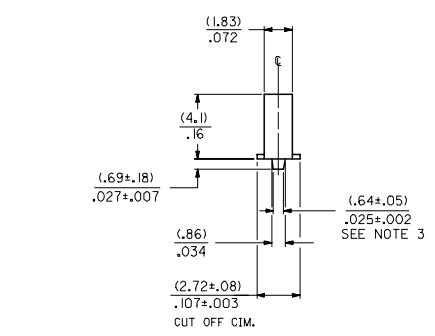
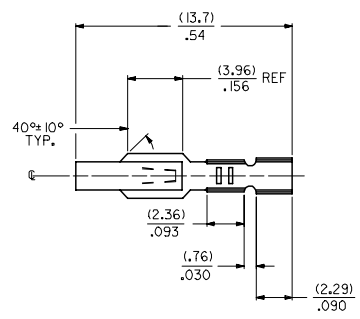
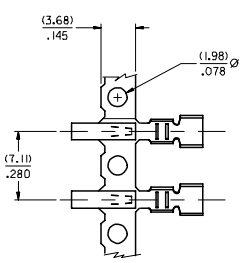
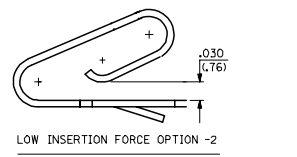
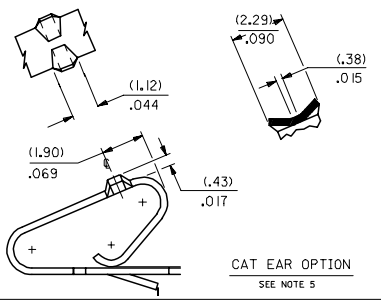
## 7.0 GAGES AND FIXTURES

## 8.0 OTHER

REVISION: <b>R3</b>	ECR/ECN INFORMATION: EC No: <b>UCP2008-1760</b> DATE: <b>2008/01/30</b>	TITLE: <b>PRODUCT SPECIFICATION .156 CENTER KK CONNECTORS</b>	SHEET No. <b>5 of 5</b>
DOCUMENT NUMBER: <b>PS-08-50</b>	CREATED / REVISED BY: <b>ADERR</b>	CHECKED BY: <b>JBELL</b>	APPROVED BY: <b>FSMITH</b>



- NOTES:
1. CRIMP ACCEPTS 22 TO 26 GA. WIRE WITH (.165)/.065 MAX INSULATION DIA.
  2. DIMENSIONS GIVEN ACROSS CENTERLINES ARE SYMMETRICAL ABOUT THOSE CENTERLINES WITHIN HALF THE TOTAL TOLERANCE.
  3. OPTIONAL DESIGN (.86+.05)/.034+.002
  4. TERMINAL CONFORMS TO PRODUCT SPEC. 08-50.
  5. CAT EAR OPTION TO BE USED WITH 41695 HOUSING ONLY.



2578 - \* - \* \* \*

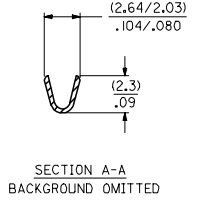
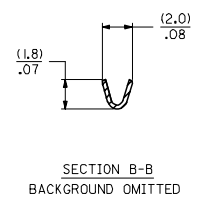
MATERIAL CODE  
 (.28)/.0106 THK  
 BLANK=BRASS  
 B=PHOS BRONZE

WINDING SPEC.  
 A=PER ES-339-A  
 BLANK=PER ES-339-B  
 L=LOOSE

PLATING CODE  
 (PER SDES-88)  
 \*(P909) OVERALL HOT TIN DIP: 2.54 MICROMETERS MIN  
 (550) SELECT GOLD: 0.38 MICROMETERS MIN.  
 OVERALL GOLD FLASH: 0.05 MICROMETERS MIN.  
 OVERALL NICKEL UNDERPLATE: 0.76 MICROMETERS MIN.  
 (555) SELECT GOLD: 0.38 MICROMETERS MIN.  
 OVERALL NICKEL UNDERPLATE: 0.76 MICROMETERS MIN.

OPTIONS  
 BLANK=AS SHOWN  
 1=WITH CAT EARS  
 2=LOW INSERTION FORCE

\*THE PRIMARY SHIPPING CARTON WILL BE LABELED \*COMPLIANT TO ROHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC.\* CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD PLATING.



ENTER DESCRIPTION EC NO: UCP2005-0928 DRAWN BY: DRW:ADRIANO CHKD-SAMEC 2004/11/02 APPR:MMRIGALLIS 2004/11/02 W	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		mm	INCH	IN/MM	INCH	INCH		
REV DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .014 1 PLACE ± 0.36 ± --- ANGULAR ±1/2°	DRAWN BY: PEREZ/AR DATE: 01/29/87	CHECKED BY: PATTEL DATE: 01/29/87	TITLE CRIMP TERMINAL (.396)/.156 CENTERS 22 TO 26 GA WIRE		MOLEX MOLEX INCORPORATED	DOCUMENT NO. SD-2578	SHEET NO. 1 OF 2
		APPROVED BY: LENZ DATE: 01/29/87	SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

2578-(***)*		2578-B-(***)*		2578-B-2-(***)*							
PART NO.	ENG. NO.	PART NO.	ENG. NO.	PART NO.	ENG. NO.	PART NO.	ENG. NO.	PART NO.	ENG. NO.	PART NO.	ENG. NO.
08-50-0107	2578-(P909)	08-56-0121	2578-B-(501)		2578-B-2(P909)						
08-50-0108	2578-(P909)L	08-56-0122	2578-B-(501)L		2578-B-2(P909)L						
08-50-0111	2578-(109)	08-50-0133 *	2578-B-(P909)		2578-B-2(555)						
08-50-0112	2578-(109)L	08-50-0134 *	2578-B-(P909)L		2578-B-2(555)L						
08-56-0107	2578-(550)	08-65-0116 *	2578-B-(555)		2578-B-2(550)						
08-56-0108	2578-(550)L	08-65-0117 *	2578-B-(555)L		2578-B-2(550)L						
08-55-0105	2578-(555)	08-65-0108	2578-B-(591)								
08-56-0106	2578-(555)L	08-65-0107	2578-B-(591)L								
08-59-0101	2578-(122)	08-60-0003	2578-B-(122)								
	2578-(122)L	08-60-0004	2578-B-(122)L								
1 08-56-0162	2578-(505)	08-65-0110	2578-B-(558)								
1 08-56-0163	2578-(505)L	08-65-0111	2578-B-(558)L								
08-50-0504	2578-(128)	08-58-0125 *	2578-B-(550)								
	2578-(128)L	08-58-0126 *	2578-B-(550)L								
08-56-0161	2578-(503)										
	2578-(503)L										
1 08-50-0061	2578-(224)										
1 08-50-0062	2578-(224)L										
1 08-50-0065	2578-(P224)										
1 08-50-0066	2578-(P224)L										
08-55-0137	2578-(558)A										
	2578-(558)L										
08-50-0018	2578-(102)										
08-50-0019	2578-(102)L										
08-55-0121	2578-(561)										
08-55-0132	2578-(561)L										
08-55-0123	2578-(558)										
	2578-(558)L										
08-65-0109	2578-(555)A										
08-52-0116	2578-(P909)										
08-52-0117	2578-(P9109)L										

CHANGE TO ME10 EC NO: UCP2005-0928 DRW:ADRIANO 2004/11/16 CHK:CSAMEC 2004/11/02 APPR: MARGOLIS 2004/11/02 W	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± .005</td> <td>± .0005</td> </tr> <tr> <td>3 PLACES</td> <td>± .005</td> <td>± .0005</td> </tr> <tr> <td>2 PLACES</td> <td>± .005</td> <td>± .0005</td> </tr> <tr> <td>1 PLACE</td> <td>± .005</td> <td>± .0005</td> </tr> </table>		mm	INCH	4 PLACES	± .005	± .0005	3 PLACES	± .005	± .0005	2 PLACES	± .005	± .0005	1 PLACE	± .005	± .0005	DIMENSION STYLE IN/MM	SCALE INCH	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
		mm	INCH																		
	4 PLACES	± .005	± .0005																		
	3 PLACES	± .005	± .0005																		
2 PLACES	± .005	± .0005																			
1 PLACE	± .005	± .0005																			
DRAWN BY PEREZ/AR	DATE 01/29/87	CHECKED BY DATE 01/29/87	APPROVED BY DATE 01/29/87	TITLE CRIMP TERMINAL (3,96)/.156 CENTERS 22 TO 26 GA WIRE																	
MATERIAL NO. LENZ			DOCUMENT NO. SD-2578																		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE D THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																		