

Distributed by:

**JAMECO**<sup>®</sup>  
ELECTRONICS

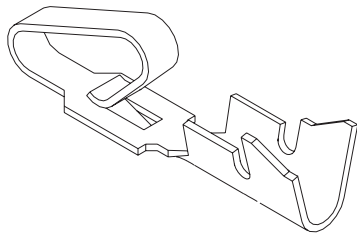
**www.Jameco.com ♦ 1-800-831-4242**

The content and copyrights of the attached  
material are the property of its owner.

Jameco Part Number 736587

# 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

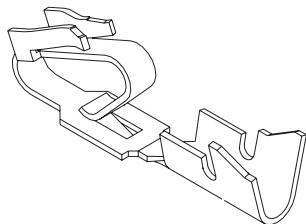
Wire Size AWG	Insulation OD	Series	Material	Order No.						Lead-free
				Tin Plating		Gold Plating No. 1		Gold Plating No. 2		
				Reel	Bag	Reel	Bag	Reel	Bag	
18-20	2.79 (.110)	max. 2478	Phosphor Bronze	<a href="#">08-52-0071</a>	<a href="#">08-52-0072</a>	<a href="#">08-58-0121</a>	<a href="#">08-58-0122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



# 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

None

## 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>R</b>	<b>ECR/ECN INFORMATION:</b> <b>EC No: UCR2002-0299</b> <b>DATE: 2001 / 09 / 18</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>SAMIEC</b>	<b>CHECKED BY:</b> <b>MUELLER</b>	<b>APPROVED BY:</b> <b>MARGULIS</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

REVISION: <b>R</b>	ECR/ECN INFORMATION: EC No: <b>UCR2002-0299</b> DATE: <b>2001 / 09 / 18</b>	TITLE: <b>PRODUCT SPECIFICATION .156 CENTER KK CONNECTORS</b>	SHEET No. <b>2 of 5</b>
DOCUMENT NUMBER: <b>PS-08-50</b>	CREATED / REVISED BY: <b>SAMIEC</b>	CHECKED BY: <b>MUELLER</b>	APPROVED BY: <b>MARGULIS</b>



# PRODUCT SPECIFICATION

## 5.2 MECHANICAL REQUIREMENTS

DESCRIPTION	TEST CONDITION	REQUIREMENT
Connector Mate and Unmate Forces	Per circuit when mated to an .045 Sq. pin. Mate and unmate connector (male to female) at a rate of $25 \pm 6$ mm ( $1 \pm \frac{1}{4}$ inch) per minute.	10.0 N (2.25 lbf) MAXIMUM insertion force & 3.7 N (0.84 lbf) MINIMUM withdrawal force
Terminal Insertion Force (into Housing)	Apply an axial insertion force on the terminal at a rate of $25 \pm 6$ mm ( $1 \pm \frac{1}{4}$ inch). (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 $25 \pm 6$ mm ( $1 \pm \frac{1}{4}$ 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 $\frac{1}{2}$ sine wave (11 milliseconds) shocks in the $\pm X, \pm Y, \pm Z$ 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 $25 \pm 6$ mm ( $1 \pm \frac{1}{4}$ inch). (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

REVISION: <b>R</b>	ECR/ECN INFORMATION: EC No: <b>UCR2002-0299</b> DATE: <b>2001 / 09 / 18</b>	TITLE: <b>PRODUCT SPECIFICATION .156 CENTER KK CONNECTORS</b>	SHEET No. <b>3 of 5</b>
DOCUMENT NUMBER: <b>PS-08-50</b>	CREATED / REVISED BY: <b>SAMIEC</b>	CHECKED BY: <b>MUELLER</b>	APPROVED BY: <b>MARGULIS</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>R</b>	ECR/ECN INFORMATION: EC No: <b>UCR2002-0299</b> DATE: <b>2001 / 09 / 18</b>	TITLE: <b>PRODUCT SPECIFICATION .156 CENTER KK CONNECTORS</b>	SHEET No. <b>4 of 5</b>
DOCUMENT NUMBER: <b>PS-08-50</b>	CREATED / REVISED BY: <b>SAMIEC</b>	CHECKED BY: <b>MUELLER</b>	APPROVED BY: <b>MARGULIS</b>



# 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
Salt Spray	Mate connectors: Duration: 48 hours exposure; Atmosphere: salt spray from a 5% solution; Temperature: 35 +1/-2°C	10 milliohms MAXIMUM (change from initial) & Visual: No Damage
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

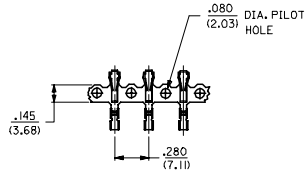
## 6.0 PACKAGING

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

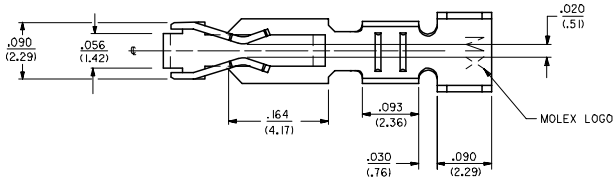
## 7.0 GAGES AND FIXTURES

## 8.0 OTHER

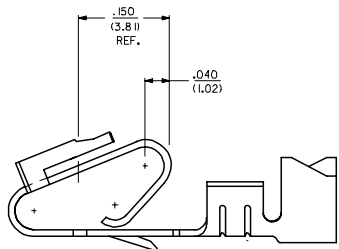
REVISION: <b>R</b>	ECR/ECN INFORMATION: EC No: <b>UCR2002-0299</b> DATE: <b>2001 / 09 / 18</b>	TITLE: <b>PRODUCT SPECIFICATION .156 CENTER KK CONNECTORS</b>	SHEET No. <b>5 of 5</b>
DOCUMENT NUMBER: <b>PS-08-50</b>	CREATED / REVISED BY: <b>SAMIEC</b>	CHECKED BY: <b>MUELLER</b>	APPROVED BY: <b>MARGULIS</b>



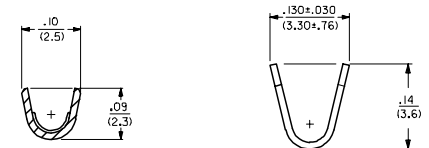
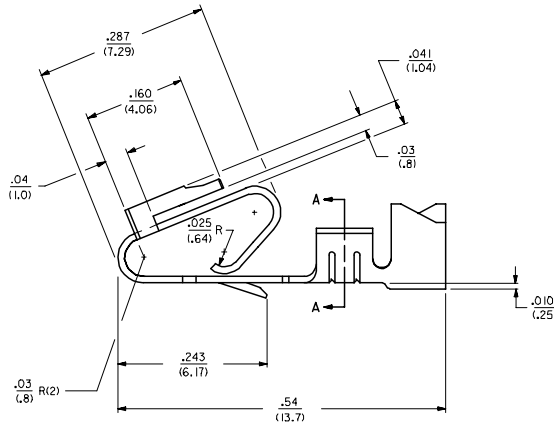
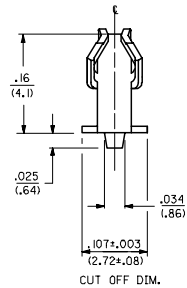
CARRIER STRIP DETAIL



- NOTES:
1. MATERIAL; SEE LEGEND
  2. FINISH:
    - \*909 - OVERALL HOT TIN DIF: .000100/(0.00254) MIN.
    - 102 - OVERALL TIN: .000200/(0.00508) MIN.
    - OVERALL COPPER: .000100/(0.00254) MIN.
    - 132 - OVERALL TIN: .000200/(0.00508) MIN.
    - OVERALL COPPER: .000200/(0.00508) MIN.
    - 503 - OVERALL HARD GOLD: .000030/(0.00076) MIN.
    - OVERALL NICKEL: .000050/(0.00127) MIN.
    - 550 - SELECT HARD GOLD: .000015/(0.00038) MIN.
    - OVERALL NICKEL: .000030/(0.00076) MIN.
    - OVERALL HARD GOLD FLASH: .000002/(0.00005) MIN.
    - 555 - SELECT HARD GOLD: .000015/(0.00038) MIN.
    - OVERALL NICKEL: .000030/(0.00076) MIN.
    - 558 - SELECT HARD GOLD: .000030/(0.00076) MIN.
    - OVERALL NICKEL: .000050/(0.00127) MIN.
    - OVERALL HARD GOLD FLASH: .000002/(0.00005) MIN.
    - 561 - SELECT HARD GOLD: .000030/(0.00076) MIN.
    - OVERALL NICKEL: .000050/(0.00127) MIN.
  - \* 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.
  3. PRODUCT SPECIFICATION: PS-40-02
  4. PACKAGING SPECIFICATION: CHAIN FORM SEE PK-6838-001
  5. TERMINAL FOR USE IN HOUSING NOS. 6442 AND 41695
  6. THIS PART WITH CRIMP FOR 22-26 AWG. WIRE. SEE DWG. NO. 7258
  7. CRIMP FOR 18 TO 20 GA. WIRE WITH MAX. INSULATION DIA. OF .100/(2.79). STRIP LENGTH OF .125/100 / (3.18/2.54)
  8. DIMENSIONS GIVEN ACROSS CENTERLINES ARE SYMMETRICAL ABOUT THOSE CENTERLINES WITHIN HALF THE TOTAL TOLERANCE.
  9. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

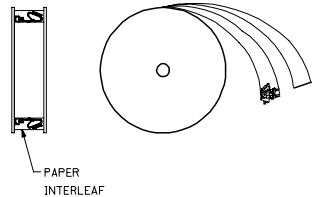


SELECTIVE PLATING LOCATION

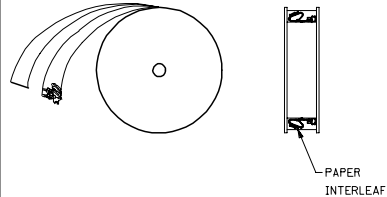


SECTION A-A

- LEGEND: 6838- ( )
- WINDING
    - A= PER DETAIL A
    - BLANK= PER DETAIL B
  - FORM
    - BLANK= CHAIN
    - L= LOOSE
  - PLATING
    - SEE NOTE 2
- MATERIAL:  
 (.27)/.0106 THK  
 BLANK=BRASS  
 A=PHOS BRONZE



WINDING DETAIL "A"



WINDING DETAIL "B"

ADD NOTE 9 EC NO: UCP2008-0005 DRAWN BY: 2007/07/03 CHECKED BY: 2007/07/09 APPROVED BY: 2007/07/09 APPR: FSN/TH	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
		mm	INCH	IN/MM		---	INCH			
		4 PLACES ± --- ± ---		DRAWN BY	DATE	TITLE				
		3 PLACES ± --- ± .010		CHECKED BY	DATE	TRIFURCON TERMINAL CRIMP TYPE, .156 CENTERS 18 TO 20 AWG WIRE				
2 PLACES ± 0.25 ± .015		APPROVED BY	DATE	MOLEX INCORPORATED						
1 PLACE ± 0.36 ± ---		LENZ	11/15/89							
ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-6838		1 OF 2				
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										



6838-(*)**		6838-A(*)**													
PART NO.	ENG. NO.	PART NO.	ENG. NO.	PART NO.	ENG. NO.	PART NO.	ENG. NO.	PART NO.	ENG. NO.	PART NO.	ENG. NO.	PART NO.	ENG. NO.	PART NO.	ENG. NO.
08-50-0187	6838-(P909)														
08-50-0189	6838-(P909)L	08-58-0187	6838-A(P558)												
08-50-0275	6838-(P909)-A	08-58-0189	6838-A(P558)L												
08-50-0026	6838-(P102)	08-60-0001	6838-A(132)												
	6838-(P102)L	08-60-0002	6838-A(132)L												
08-50-0028	6838-(102)	08-58-0102	6838-A(558)												
08-50-0029	6838-(102)L		6838-A(558)L												
		08-58-0108	6838-A(503)												
		08-58-0109	6838-A(503)L												
		08-52-0112	6838-A(P909)												
		08-52-0113	6838-A(P909)L												
		08-50-0024	6838-A(102)												
		08-50-0251	6838-A(102)L												
		08-58-0105	6838-A(P555)												
		08-58-0106	6838-A(P555)L												
		08-58-0110	6838-A(P561)												
		08-58-0111	6838-A(P561)L												
		08-58-0118	6838-A(561)												
		08-58-0119	6838-A(561)L												
		08-58-0131	6838-A(550)												
		08-58-0132	6838-A(550)L												

<b>UPDATE TITLE BLOCK</b> DEC NO: UCP2008-0005 2007/07/03 DRAWN BY: JORWANDARR 2007/07/09 CHECKED BY: CHUCK BELL 2007/07/09 APPROVED BY: JH 2007/07/09 REV DESCRIPTION	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 ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
		mm	INCH																		
	4 PLACES	± .005	± .0005																		
	3 PLACES	± .005	± .0005																		
2 PLACES	± .005	± .0005																			
1 PLACE	± .005	± .0005																			
		ANGULAR ±1/2°	DRAWN BY: GUZIK DATE: 11/15/89	TITLE: TRIFURCON TERMINAL CRIMP TYPE, .156 CENTERS 18 TO 20 AWG WIRE																	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	CHECKED BY: PATEL DATE: 11/15/89	MOLEX INCORPORATED																	
			APPROVED BY: LENZ DATE: 11/15/89	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-6838	SHEET NO. 2 OF 2															