

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 797179



# 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: $5 \pm 0.5$ seconds; Solder Temperature: $230 \pm 5^\circ\text{C}$	Visual: No Damage to insulator material
Salt Spray	Mate connectors: Duration: 48 hours exposure; Atmosphere: salt spray from a 5% solution; Temperature: $35 +1/-2^\circ\text{C}$	10 milliohms MAXIMUM (change from initial) & Visual: No Damage
Cold Resistance	Mate connectors: Duration: 96 hours; Temperature: $-40 \pm 3^\circ\text{C}$	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>

6

5

4

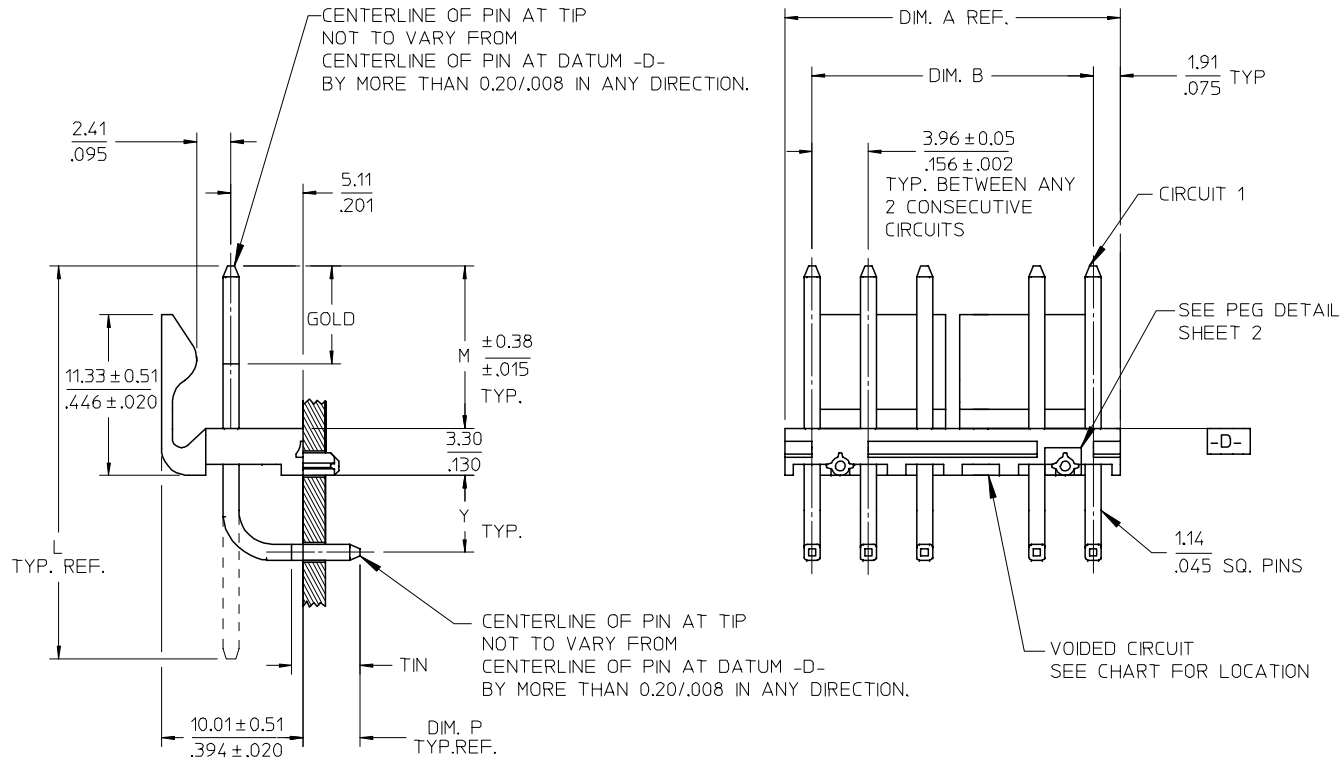
3

2

1

D

D



NO. OF CKTS.	DIM. A	DIM. B
2	7.77 .306	3.96 ± 0.05 .156 ± .002
3	11.73 .462	7.92 ± 0.08 .312 ± .003
4	15.70 .618	11.89 ± 0.08 .468 ± .003
5	19.66 .774	15.85 ± 0.10 .624 ± .004
6	23.62 .930	19.81 ± 0.10 .780 ± .004
7	27.58 1.086	23.77 ± 0.10 .936 ± .004
8	31.55 1.242	27.74 ± 0.13 1.092 ± .005
9	35.51 1.398	31.70 ± 0.13 1.248 ± .005
10	39.47 1.554	35.66 ± 0.13 1.404 ± .005
11	43.43 1.710	39.62 ± 0.15 1.560 ± .006
12	47.40 1.866	43.59 ± 0.15 1.716 ± .006
13	51.36 2.022	47.55 ± 0.15 1.872 ± .006
14	55.32 2.178	51.51 ± 0.18 2.028 ± .007
15	59.28 2.334	55.47 ± 0.18 2.184 ± .007
16	63.25 2.490	59.44 ± 0.18 2.340 ± .007
17	67.21 2.646	63.40 ± 0.20 2.496 ± .008
18	71.17 2.802	67.36 ± 0.20 2.652 ± .008

C

C

B

B

A

A

GEN.DOCS.	3-*	F3
ANNNOTATOR	1. 2	F3
SOFTWARE	SHEET	REV

UPDATE DIMENSIONS
EC NO: UCP2006-1776
DRWN:DPETERSON 2006/04/04
CHKD:SSOUSEK 2006/04/05
APPR:FSMITH 2006/04/11
DESCRIPTION
REV

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
4 PLACES ± --- ± ---
3 PLACES ± --- ± .010
2 PLACES ± 0.25 ± .015
1 PLACE ± 0.38 ± ---
ANGULAR ± 1/2°

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

DIMENSION STYLE MM/IN
DRAWN BY JSCHAFFER DATE 11-25-03
CHECKED BY SAMIEC DATE 11-26-03
APPROVED BY MARGULIS DATE 12-1-03
MATERIAL NO.

SEE CHART

SIZE A

SCALE 2:1
DESIGN UNITS INCH
THIRD ANGLE PROJECTION
TITLE

KK .156 HEADER ASSEMBLY  
FRICTION LOCK RT ANGLE  
WITH PEGS

Molex MOLEX INCORPORATED
DOCUMENT NO. SD-42492-001
SHEET NO. 1 OF 6

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

5

4

3

2

1

6

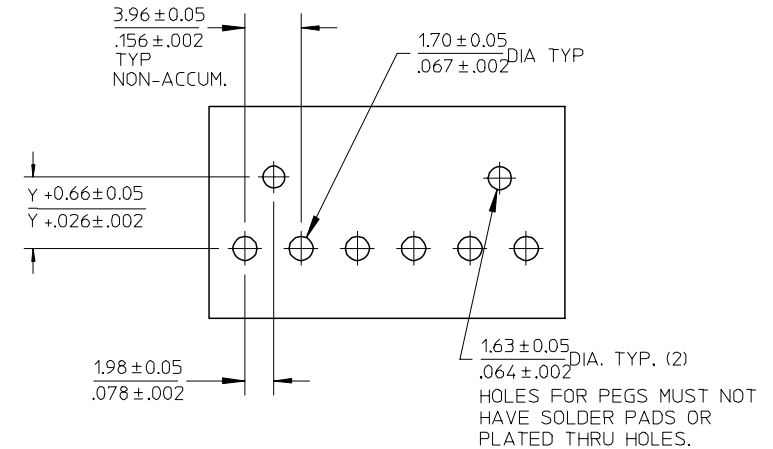
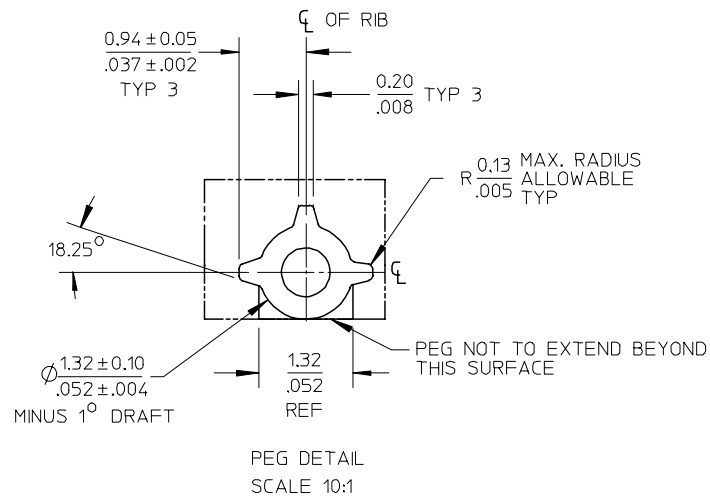
5

4

3

2

1



## NOTES:

- MATERIAL: HEADER-POLYESTER, 94V-0, MOLDED NATURAL (WHITE)  
PINS: BRASS
- FINISHES: (102) OVERALL TIN 0.00508/.000200 MIN OVER 0.00254/.000100 MIN. COPPER.  
(208) SELECT GOLD 0.00038/.000015 MIN.  
SELECT TIN 0.00254/.000100 MIN.  
OVERALL NICKEL UNDERPLATE 0.00127/.000050 MIN.  
(228) SELECT GOLD 0.00076/.000030 MIN.  
SELECT TIN 0.00254/.000100 MIN.  
OVERALL NICKEL UNDERPLATE 0.00127/.00005 MIN.  
(501) OVERALL GOLD 0.00051/.000020 MIN.  
OVERALL NICKEL UNDERPLATE 0.00076/.000030 MIN.
- PRODUCT SPECIFICATION: SEE PS-08-50.
- PACKAGING INFO: SEE TABLES.
- SOLDERABILITY: PER SMES-152.
- PIN PUSH OUT FORCE: PRIOR TO SOLDERING, A 3 LB MINIMUM FORCE (IN EITHER DIRECTION) SHALL BE REQUIRED TO PUSH THE PIN OUT OF THE HEADER.
- PARTS ARE STACKABLE END TO END ON 3.96/.156 CENTERS.
- FOR PART WITHOUT PEGS SEE 41792.

UPDATE DIMENSIONS EC NO: UCP2006-1776 DRWN:DPETERSON 2006/04/04 CHKD:SSOUSEK 2006/04/05 APPR:FSMITH 2006/04/11	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
			mm	INCH	DRAWN BY JSCHAFFER	DATE 11-25-03	TITLE KK .156 HEADER ASSEMBLY FRICTION LOCK RT ANGLE WITH PEGS		
		4 PLACES	± ---	± ---	CHECKED BY SAMIEC	DATE 11-26-03			
		3 PLACES	± ---	± .010	APPROVED BY MARGULIS	DATE 12-1-03	MOLEX INCORPORATED		
			ANGULAR ± 1/2°		MATERIAL NO. SEE CHART	DOCUMENT NO. SD-42492-001	SHEET NO. 2 OF 6		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

5

4

3

2

1



OPTIONS	Group	A-42492-0002/0018	Group	A-42492-0319/0335	Group	A-42492-0336/0352	Group	
	Header No:	41790-0036/0052	Header No:	41790-0036/0052	Header No:	41790-0036/0052	Header No:	
	Pin No:	2161-37(102)	Pin No:	43294-0569	Pin No:	43294-0570	Pin No:	
	Plating:	102 – TIN	Plating:	208 – 15 GOLD	Plating:	228 – 30 GOLD	Plating:	
	Pin Length L	27.94/1.100	Pin Length L	27.94/1.100	Pin Length L	27.94/1.100	Pin Length L	
	Mating M	11.43 / .450	Mating M	11.43/ .450	Mating M	11.43/ .450	Mating M	
	Gold Loc G	N/A	Gold Loc G	6.86/ .270	Gold Loc G	6.86/ .270	Gold Loc G	
	Dim. Y	5.41/ .213	Dim. Y	5.41/ .213	Dim. Y	5.41/ .213	Dim. Y	
	PC Tail P	3.96 / .156	PC Tail P	3.96/ .156	PC Tail P	3.96/ .156	PC Tail P	
	Tin Loc T	OVERALL	Tin Loc T	5.08 / .200	Tin Loc T	5.08 / .200	Tin Loc T	
Voided Ckts	NONE	Voided Ckts	NONE	Voided Ckts	NONE	Voided Ckts		
Pack Per	PK-42492-002	Pack Per	PK-42492-002	Pack Per	PK-42492-002	Pack Per		
Ckts	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number
2	26-64-5020	A-42492-0002	42492-0319	A-42492-0319	42492-0336	A-42492-0336		
3	26-64-5030	A-42492-0003	42492-0320	A-42492-0320	42492-0337	A-42492-0337		
4	26-64-5040	A-42492-0004	42492-0321	A-42492-0321	42492-0338	A-42492-0338		
5	26-64-5050	A-42492-0005	42492-0322	A-42492-0322	42492-0339	A-42492-0339		
6	26-64-5060	A-42492-0006	42492-0323	A-42492-0323	42492-0340	A-42492-0340		
7	26-64-5070	A-42492-0007	42492-0324	A-42492-0324	42492-0341	A-42492-0341		
8	26-64-5080	A-42492-0008	42492-0325	A-42492-0325	42492-0342	A-42492-0342		
9	26-64-5090	A-42492-0009	42492-0326	A-42492-0326	42492-0343	A-42492-0343		
10	26-64-5100	A-42492-0010	42492-0327	A-42492-0327	42492-0344	A-42492-0344		
11	26-64-5110	A-42492-0011	42492-0328	A-42492-0328	42492-0345	A-42492-0345		
12	26-64-5120	A-42492-0012	42492-0329	A-42492-0329	42492-0346	A-42492-0346		
13								
14								
15								
16								
17								
18								

REV:	<u>ECR/ECN INFORMATION:</u>	<u>TITLE:</u>	<u>SHEET No.</u>
<b>F3</b>	EC No.: <b>UCP2006-1776</b>	<b>KK 156 HEADER ASSEMBLY FRICTION LOCK RT ANGLE WITH PEGS</b>	<b>- 3 -</b>
	DATE: <b>4/11/2006</b>		
<u>DOCUMENT NUMBER:</u>	<u>CREATED / REVISED BY:</u>	<u>CHECKED BY:</u>	<u>APPROVED BY:</u>
<b>SD- 42492-001</b>	<b>ADERR</b>	<b>SSOUSEK</b>	<b>FSMITH</b>

OPTIONS	Group	A-42492-0036/0050	Group	A-42492-0244/0256	Group	A-42492-0258/0273	Group	A-42492-0274/0288
	Header No:	41790-0038/0052	Header No:	41790-0040/0052	Header No:	41790-0037/0052	Header No:	41790-0038/0052
	Pin No:	2161-37(102)	Pin No:	2161-37(102)	Pin No:	2161-37(102)	Pin No:	2161-37(501)
	Plating:	102 – TIN	Plating:	102 – TIN	Plating:	102 – TIN	Plating:	501 - GOLD
	Pin Length L	27.94/1.100	Pin Length L	27.94/1.100	Pin Length L	27.94/1.100	Pin Length L	27.94/1.100
	Mating M	11.43 / .450	Mating M	11.43/. 450	Mating M	11.43/. 450	Mating M	11.43/. 450
	Gold Loc G	N/A	Gold Loc G	N/A	Gold Loc G	N/A	Gold Loc G	OVERALL
	Dim. Y	5.41/ .213	Dim. Y	5.41/ .213	Dim. Y	5.41/ .213	Dim. Y	5.41/ .213
	PC Tail P	3.96 / .156	PC Tail P	3.96/ . 156	PC Tail P	3.96/. 156	PC Tail P	3.96/. 156
	Tin Loc T	OVERALL	Tin Loc T	OVERALL	Tin Loc T	OVERALL	Tin Loc T	N/A
Voided Ckts	4	Voided Ckts	6	Voided CKts	2	Voided Ckts	4	
Pack Per	PK-42492-002	Pack Per	PK-42492-002	Pack Per	PK-42492-002	Pack Per	PK-42492-002	
Ckts	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number
2								
3								
4	26-64-5042	A-42492-0036						
5	26-64-5052	A-42492-0037						
6	26-64-5062	A-42492-0038	26-64-5061	A-42492-0244	26-66-0031	A-42492-0258		
7	26-64-5072	A-42492-0039	26-64-5071	A-42492-0245	26-66-0041	A-42492-0259	424-92-0274	A-42492-0274
8	26-64-5082	A-42492-0040	26-64-5081	A-42492-0246	26-66-0051	A-42492-0260	424-92-0275	A-42492-0275
9	26-64-5092	A-42492-0041	26-64-5091	A-42492-0247	26-66-0061	A-42492-0261	424-92-0276	A-42492-0276
10	26-64-5102	A-42492-0042	26-64-5101	A-42492-0248	26-66-0071	A-42492-0262	424-92-0277	A-42492-0277
11	26-64-5112	A-42492-0043	26-64-5111	A-42492-0249	26-66-0081	A-42492-0263	424-92-0278	A-42492-0278
12	26-64-5122	A-42492-0044	26-64-5121	A-42492-0250	26-66-0091	A-42492-0264	424-92-0279	A-42492-0279
13					26-66-0101	A-42492-0265	424-92-0280	A-42492-0280
14					26-66-0111	A-42492-0266	424-92-0281	A-42492-0281
15					26-66-0121	A-42492-0267	424-92-0282	A-42492-0282
16								
17								
18								

REV:	<u>ECR/ECN INFORMATION:</u>	<u>TITLE:</u>	<u>SHEET No.</u>
<b>F3</b>	EC No.: <b>UCP2006-1776</b>	<b>KK 156 HEADER ASSEMBLY FRICTION LOCK RT ANGLE WITH PEGS</b>	<b>- 4 -</b>
	DATE: <b>4/11/2006</b>		
<u>DOCUMENT NUMBER:</u>	<u>CREATED / REVISED BY:</u>	<u>CHECKED BY:</u>	<u>APPROVED BY:</u>
<b>SD- 42492-001</b>	<b>ADERR</b>	<b>SSOUSEK</b>	<b>FSMITH</b>

OPTIONS	Group	A-42492-0289/0302	Group	A-42492-0303/0318	Group	A-42492-0019/0035	Group	A-42492-0400/0416
	Header No:	41790-0039/0052	Header No:	41790-0037/0052	Header No:	41790-0036/0052	Header No:	41790-0036/0052
	Pin No:	2161-37(102)	Pin No:	2161-37(102)	Pin No:	2161-37(501)	Pin No:	2161-19(102)
	Plating:	102 - TIN	Plating:	102 - TIN	Plating:	501 - GOLD	Plating:	102 - TIN
	Pin Length L	27.94/1.100	Pin Length L	27.94/1.100	Pin Length L	27.94/1.100	Pin Length L	26.21/ 1.032
	Mating M	11.43 / .450	Mating M	11.43/ .450	Mating M	11.43/ .450	Mating M	11.43/ .450
	Gold Loc G	N/A	Gold Loc G	6.86/ .270	Gold Loc G	OVERALL	Gold Loc G	N/A
	Dim. Y	5.41/ .213	Dim. Y	5.41/ .213	Dim. Y	5.41/ .213	Dim. Y	5.41/ .213
	PC Tail P	3.96 / .156	PC Tail P	3.96/ .156	PC Tail P	3.96/ .156	PC Tail P	2.23/ .088
	Tin Loc T	OVERALL	Tin Loc T	OVERALL	Tin Loc T	N/A	Tin Loc T	OVERALL
Voided Ckts	5	Voided Ckts	3	Voided CKts	NONE	Voided Ckts	NONE	
Pack Per	PK-42492-002	Pack Per	PK-42492-002	Pack Per	PK-42492-002	Pack Per	PK-42492-002	
Ckts	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number
2					26-65-5020	A-42492-0019	42492-0400	A-42492-0400
3			424-92-0303	A-42492-0303	26-65-5030	A-42492-0020	42492-0401	A-42492-0401
4			424-92-0304	A-42492-0304	26-65-5040	A-42492-0021	42492-0402	A-42492-0402
5	424-92-0289	A-42492-0289	424-92-0305	A-42492-0305	26-65-5050	A-42492-0022	42492-0403	A-42492-0403
6	424-92-0290	A-42492-0290	424-92-0306	A-42492-0306	26-65-5060	A-42492-0023	42492-0404	A-42492-0404
7	424-92-0291	A-42492-0291	424-92-0307	A-42492-0307	26-65-5070	A-42492-0024	42492-0405	A-42492-0405
8	424-92-0292	A-42492-0292	424-92-0308	A-42492-0308	26-65-5080	A-42492-0025	42492-0406	A-42492-0406
9	424-92-0293	A-42492-0293	424-92-0309	A-42492-0309	26-65-5090	A-42492-0026	42492-0407	A-42492-0407
10	424-92-0294	A-42492-0294	424-92-0310	A-42492-0310	26-65-5100	A-42492-0027	42492-0408	A-42492-0408
11	424-92-0295	A-42492-0295	424-92-0311	A-42492-0311	26-65-5110	A-42492-0028	42492-0409	A-42492-0409
12	424-92-0296	A-42492-0296	424-92-0312	A-42492-0312	26-65-5120	A-42492-0029	42492-0410	A-42492-0410
13								
14								
15								
16								
17								
18								

REV:	<u>ECR/ECN INFORMATION:</u>	<u>TITLE:</u>	<u>SHEET No.</u>
<b>F3</b>	EC No.: <b>UCP2006-1776</b>	<b>KK 156 HEADER ASSEMBLY FRICTION LOCK RT ANGLE WITH PEGS</b>	<b>- 5 -</b>
	DATE: <b>4/11/2006</b>		
<u>DOCUMENT NUMBER:</u>	<u>CREATED / REVISED BY:</u>	<u>CHECKED BY:</u>	<u>APPROVED BY:</u>
<b>SD- 42492-001</b>	<b>ADERR</b>	<b>SSOUSEK</b>	<b>FSMITH</b>

OPTIONS	Group	A-42492-0417/0431	Group	A-42492-0432/0443	Group	A-42492-0444/0456	Group	A-42492-0461/0473
	Header No:	41790-0036/0052	Header No:	41790-0041/0052	Header No:	41790-0040/0052	Header No:	41790-0040/0052
	Pin No:	2161-37(102)	Pin No:	2161-37(102)	Pin No:	2161-37(102)	Pin No:	2161-37(102)
	Plating:	102 – TIN	Plating:	102 – TIN	Plating:	102 – TIN	Plating:	102 – TIN
	Pin Length L	27.94/1.100	Pin Length L	27.94/1.100	Pin Length L	27.94/1.100	Pin Length L	27.94/1.100
	Mating M	11.43 / .450	Mating M	11.43/ .450	Mating M	11.43/ .450	Mating M	11.43/ .450
	Gold Loc G	N/A	Gold Loc G	N/A	Gold Loc G	N/A	Gold Loc G	N/A
	Dim. Y	5.41/ .213	Dim. Y	5.41/ .213	Dim. Y	5.41/ .213	Dim. Y	5.41/ .213
	PC Tail P	3.96 / .156	PC Tail P	3.96/ .156	PC Tail P	3.96/ .156	PC Tail P	3.96/ .156
	Tin Loc T	OVERALL	Tin Loc T	OVERALL	Tin Loc T	OVERALL	Tin Loc T	OVERALL
Voided Ckts	2, 4	Voided Ckts	1,4,5,6,7	Voided CKts	3, 6	Voided Ckts	4, 6	
Pack Per	PK-42492-002	Pack Per	PK-42492-002	Pack Per	PK-42492-002	Pack Per	PK-42492-002	
Ckts	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number
2								
3								
4	42492-0417	A-42492-0417						
5	42492-0418	A-42492-0418						
6	42492-0419	A-42492-0419			42492-0444	A-42492-0444		
7	42492-0420	A-42492-0420	42492-0432	A-42492-0432	42492-0445	A-42492-0445	42492-0462	A-42492-0462
8	42492-0421	A-42492-0421	42492-0433	A-42492-0433	42492-0446	A-42492-0446		
9	42492-0422	A-42492-0422	42492-0434	A-42492-0434	42492-0447	A-42492-0447		
10	42492-0423	A-42492-0423	42492-0435	A-42492-0435	42492-0448	A-42492-0448		
11	42492-0424	A-42492-0424	42492-0436	A-42492-0436	42492-0449	A-42492-0449		
12	42492-0425	A-42492-0425	42492-0437	A-42492-0437	42492-0450	A-42492-0450		
13								
14								
15								
16								
17								
18								

REV:	<u>ECR/ECN INFORMATION:</u>	<u>TITLE:</u>	<u>SHEET No.</u>
<b>F3</b>	EC No.: <b>UCP2006-1776</b>	<b>KK 156 HEADER ASSEMBLY FRICTION LOCK RT ANGLE WITH PEGS</b>	<b>- 6 -</b>
	DATE: <b>4/11/2006</b>		
<u>DOCUMENT NUMBER:</u>	<u>CREATED / REVISED BY:</u>	<u>CHECKED BY:</u>	<u>APPROVED BY:</u>
<b>SD- 42492-001</b>	<b>ADERR</b>	<b>SSOUSEK</b>	<b>FSMITH</b>