

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0026481125](#)
Status: **Active**
Description: 3.96mm (.156") Pitch KK® Header, Breakaway, Vertical, Square Pin, with Friction Lock, 12 Circuits, Tin (Sn) Plating

Documents:

3D Model	Product Specification PS-08-50 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

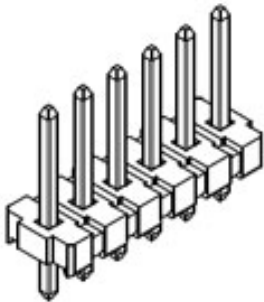
Product Family	PCB Headers
Series	41671
Application	Wire-to-Board
Product Name	KK®

Physical

Breakaway	Yes
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
Durability (mating cycles max)	25
Flammability	94V-0
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Number of Rows	1
Orientation	Vertical
PC Tail Length (in)	0.172 In
PC Tail Length (mm)	4.37 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Bag
Pitch - Mating Interface (in)	0.156 In
Pitch - Mating Interface (mm)	3.96 mm
Plating min: Mating (µin)	200
Plating min: Mating (µm)	5
Plating min: Termination (µin)	200
Plating min: Termination (µm)	5
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Partial
Stackable	No
Temperature Range - Operating	0°C to +75°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	7A
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Series

image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
Halogen-Free
Status

China RoHS



**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series

[41671](#)Series

Mates With

[3069](#) Crimp Housing, [2139](#) Crimp Housing,
[6442](#) KK® Crimp Housing, [41695](#) Crimp
Housing, [7674](#) IDT Assembly, [7675](#) IDT
Connector, [41815](#) PCB Connector, [2145](#)
PCB Connector, [3215](#) KK® PCB Connector

Voltage - Maximum	250V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	235
Material Info	
Old Part Number	A-41671-A12A102
Reference - Drawing Numbers	
Product Specification	PS-08-50
Sales Drawing	SD-41671-001

This document was generated on 03/22/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

6

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CKT	B	A
2	3.96 .156	6.78/7.87 .267/.310
3	7.92 .312	10.74/11.84 .423/.466
4	11.89 .468	14.71/15.80 .579/.622
5	15.85 .624	18.67/19.76 .735/.778
6	19.81 .780	22.63/23.72 .891/.934
7	23.77 .936	26.59/27.69 1.047/1.090
8	27.74 1.092	30.56/31.65 1.203/1.246
9	31.70 1.248	34.52/35.61 1.359/1.402
10	35.66 1.404	38.48/39.57 1.515/1.558
11	39.62 1.560	42.44/43.54 1.671/1.714
12	43.59 1.716	46.41/47.50 1.827/1.870
13	47.55 1.872	50.37/51.46 1.983/2.026
14	51.51 2.028	54.33/55.42 2.139/2.182
15	55.47 2.184	58.29/59.39 2.295/2.338
16	59.44 2.340	62.26/63.35 2.451/2.494
17	63.40 2.496	66.22/67.31 2.607/2.650
18	67.36 2.652	70.18/71.27 2.763/2.806
19	71.32 2.808	74.14/75.23 2.919/2.962
20	75.29 2.964	78.11/79.20 3.075/3.118
21	79.25 3.120	82.07/83.16 3.231/3.274
22	83.21 3.276	86.03/87.12 3.387/3.430
23	87.17 3.432	89.94/91.08 3.541/3.586
24	91.14 3.588	93.85/95.00 3.695/3.740

NOTES:

1. MATERIAL: POLYESTER, 94V-0, MOLDED BLACK
2. FINISH: PER ES-88

(102) OVERALL TIN: 0.00508/.000200 MIN.

OVERALL COPPER: 0.00254/.000100 MIN.

(222) OVERALL MATTE TIN: 0.00254/.000100 MIN

OVERALL NICKEL: 0.00127/.000050 MIN.

(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/.000050 MIN.

(501) OVERALL GOLD: 0.00051/.000020 MIN.

OVERALL NICKEL: 0.00076/.000030 MIN.

(503) OVERALL GOLD: 0.00076/.000030 MIN.

OVERALL NICKEL: 0.00127/.000050 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-08-50.

4. PACKAGING INFO: SEE TABLE.

5. SOLDERABILITY: PER SMES-152.

6. PIN PUSH-OUT FORCE: PRIOR TO SOLDERING, 3 LB MIN.

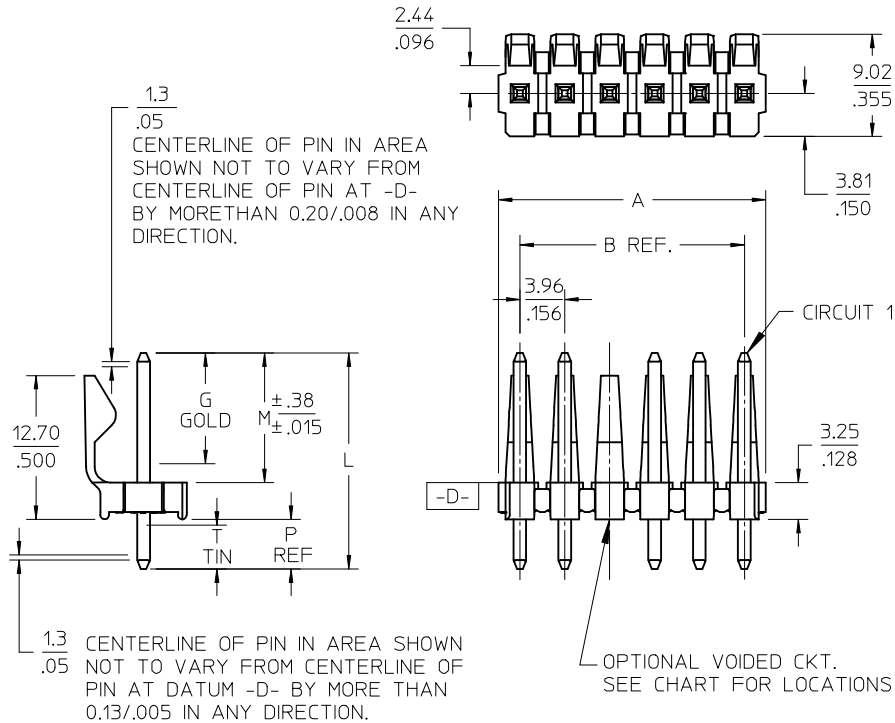
FORCE IN EITHER DIRECTION SHALL BE REQUIRED TO

PUSH THE PIN OUT OF THE HEADER.

7. PARTS ARE STACKABLE END TO END ON 3.96/.156 CENTERS.

(SPACING TABS MUST BE REMOVED ON CIRCUIT SIZES

1-23 BEFORE PARTS ARE STACKABLE.

8. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF
COSMETIC SPECIFICATION PS-45499-002.

A-41671- * N * *-*

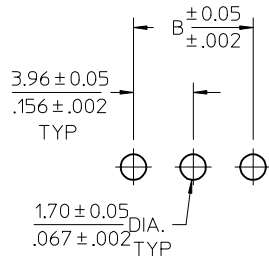
OPTION -PIN- PACKING
A=BRASS -2161- BULK PACK
B=BRASS -2161- TUBE PACK
C=BRASS -43294- BULK PACK

NO OF CKTS

DIM M,L,P

PLATING

VOID LOCATIONS
BLANK=NO VOIDS
NO=CKT NO VOIDED
MULT-VOIDS=51 UP



PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS:
1.57±.18/.062±.007

CHANGE PIN		QUALITY SYMBOLS	DESCRIPTION
EC NO: UCP2009-1378	2008/12/08		
DRWN: MK IPER	2008/12/08	▼=0	
CHKD: SSOUSEK	2008/12/08	▽=0	
APPR: FSM TH	2008/12/08		
AJ	REV		

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
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	DATE
JSCHAFFER	2004/04/05
CHECKED BY	DATE
KSAMIEC	2004/04/05
APPROVED BY	DATE
MARGULIS	2004/04/05

MATERIAL NO.

SEE CHART

SIZE
A

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

SCALE
1.5:1DESIGN UNITS
INCHTHIRD ANGLE
PROJECTION

TITLE
KK 156 HEADER ASSEMBLY
FRICTION LOCK STRAIGHT
BREAKAWAY

MOLEX MOLEX INCORPORATED

DOCUMENT NO.

SD-41671-001

SHEET NO.

1 OF 8

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2

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	Group No:	A-41671-ANA102	Group No:	A-41671-CNA208	Group No:	A-41671-CNA228	
	Pin No:	2161-1 (102)	Pin No:	43294-0236	Pin No:	43294-0237	
	Plating:	102 TIN	Plating:	208 15 GOLD	Plating:	228 30 GOLD	
	Pin Length L	.750 / 19.05	Pin Length L	.750 / 19.05	Pin Length L	.750 / 19.05	
	Mating M	.450 / 11.43	Mating M	.450 / 11.43	Mating M	.450 / 11.43	
	Gold Loc G	NA	Gold Loc G	.270 / 6.86	Gold Loc G	.270 / 6.86	
	PC Tail P	.172 / 4.37	PC Tail P	.172 / 4.37	PC Tail P	.172 / 4.37	
	Tin Loc T	OVERALL	Tin Loc T	.160 / 4.06	Tin Loc T	.160 / 4.06	
	Voided Ckts	NONE	Voided Ckts	NONE	Voided Ckts	NONE	
	Pack Per	PK-41671-001	Pack Per	PK-41671-001	Pack Per	PK-41671-001	
Ckts	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	
2	26-48-1025	A-41671-A02A102	41671-0001	A-41671-C02A208	41671-0024	A-41671-C02A228	
3	26-48-1035	A-41671-A03A102	41671-0002	A-41671-C03A208	41671-0025	A-41671-C03A228	
4	26-48-1045	A-41671-A04A102	41671-0003	A-41671-C04A208	41671-0026	A-41671-C04A228	
5	26-48-1055	A-41671-A05A102	41671-0004	A-41671-C05A208	41671-0027	A-41671-C05A228	
6	26-48-1065	A-41671-A06A102	41671-0005	A-41671-C06A208	41671-0028	A-41671-C06A228	
7	26-48-1075	A-41671-A07A102	41671-0006	A-41671-C07A208	41671-0029	A-41671-C07A228	
8	26-48-1085	A-41671-A08A102	41671-0007	A-41671-C08A208	41671-0030	A-41671-C08A228	
9	26-48-1095	A-41671-A09A102	41671-0008	A-41671-C09A208	41671-0031	A-41671-C09A228	
10	26-48-1105	A-41671-A10A102	41671-0009	A-41671-C10A208	41671-0032	A-41671-C10A228	
11	26-48-1115	A-41671-A11A102	41671-0010	A-41671-C11A208	41671-0033	A-41671-C11A228	
12	26-48-1125	A-41671-A12A102	41671-0011	A-41671-C12A208	41671-0034	A-41671-C12A228	
13	26-48-1135	A-41671-A13A102	41671-0012	A-41671-C13A208	41671-0035	A-41671-C13A228	
14	26-48-1145	A-41671-A14A102	41671-0013	A-41671-C14A208	41671-0036	A-41671-C14A228	
15	26-48-1155	A-41671-A15A102	41671-0014	A-41671-C15A208	41671-0037	A-41671-C15A228	
16	26-48-1165	A-41671-A16A102	41671-0015	A-41671-C16A208	41671-0038	A-41671-C16A228	
17	26-48-1175	A-41671-A17A102	41671-0016	A-41671-C17A208	41671-0039	A-41671-C17A228	
18	26-48-1185	A-41671-A18A102	41671-0017	A-41671-C18A208	41671-0040	A-41671-C18A228	
19	26-48-1195	A-41671-A19A102	41671-0018	A-41671-C19A208	41671-0041	A-41671-C19A228	
20	26-48-1205	A-41671-A20A102	41671-0019	A-41671-C20A208	41671-0042	A-41671-C20A228	
21	26-48-1215	A-41671-A21A102	41671-0020	A-41671-C21A208	41671-0043	A-41671-C21A228	
22	26-48-1225	A-41671-A22A102	41671-0021	A-41671-C22A208	41671-0044	A-41671-C22A228	
23	26-48-1235	A-41671-A23A102	41671-0022	A-41671-C23A208	41671-0045	A-41671-C23A228	
24	26-48-1245	A-41671-A24A102	41671-0023	A-41671-C24A208	41671-0046	A-41671-C24A228	
	STD TIN CATALOG PRODUCT		STD 15 GOLD CATALOG PRODUCT		STD 30 GOLD CATALOG PRODUCT		

REV: AJ	<u>ECR/ECN INFORMATION:</u> EC. NO. UCP2009-1378 DATE: 12/8/2008	<u>TITLE:</u> KK .156 HEADER ASSEMBLY FRICITION LOCK STRAIGHT 2-24 CKTS.			<u>SHEET No.</u> - 2 -
<u>DOCUMENT NUMBER:</u> SD – 41671 - 001		<u>CREATED / REVISED BY:</u> MKIPPER	<u>CHECKED BY:</u> SSOUSEK	<u>APPROVED BY:</u> FSMITH	
TEMPLATE FILENAME: PRODUCT_SPEC [SIZE_AJ](V.1). DOC					

	Group No:	A-41671-ANA501	Group No:	A-41671-ANA503	Group No:	A-41671-AND102	Group No:	A-41671-ANB102
	Pin No:	2161-1 (501)	Pin No:	2161 – 1(503)	Pin No:	2161-56 (102)	Pin No:	2161-1 (102)
	Plating:	501 GOLD	Plating:	503 GOLD	Plating:	102 TIN	Plating:	102 TIN
	Pin Length L	.750 / 19.05	Pin Length L	.750 / 19.05	Pin Length L	.703 / 17.86	Pin Length L	.750 / 19.05
	Mating M	.450 / 11.43	Mating M	.450 / 11.43	Mating M	.450 / 11.43	Mating M	.523 / 13.28
	Gold Loc G	OVERALL	Gold Loc G	OVERALL	Gold Loc G	NA	Gold Loc G	NA
	PC Tail P	.172 / 4.37	PC Tail P	.172 / 4.37	PC Tail P	.125 / 3.18	PC Tail P	.099 / 2.51
	Tin Loc T	NA	Tin Loc T	NA	Tin Loc T	OVERALL	Tin Loc T	OVERALL
	Voided Ckts	NONE	Voided Ckts	NONE	Voided Ckts	NONE	Voided Ckts	NONE
	Pack Per	PK-41671-001	Pack Per	PK-41671-001	Pack Per	PK-41671-001	Pack Per	PK-41671-001
Ckts	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number
2	26-48-2025	A-41671-A02A501	26-48-9026	A-41671-A02A503	26-48-9023	A-41671-A02D102	41671-0064	A-41671-A02B102
3	26-48-2035	A-41671-A03A501	41671-0047	A-41671-A03A503	26-48-9033	A-41671-A03D102	41671-0065	A-41671-A03B102
4	26-48-2045	A-41671-A04A501	41671-0048	A-41671-A04A503	26-48-9043	A-41671-A04D102	41671-0066	A-41671-A04B102
5	26-48-2055	A-41671-A05A501	26-48-9056	A-41671-A05A503	26-48-9053	A-41671-A05D102	41671-0067	A-41671-A05B102
6	26-48-2065	A-41671-A06A501	41671-0049	A-41671-A06A503	26-48-9063	A-41671-A06D102	41671-0068	A-41671-A06B102
7	26-48-2075	A-41671-A07A501	41671-0050	A-41671-A07A503	26-48-9073	A-41671-A07D102	41671-0069	A-41671-A07B102
8	26-48-2085	A-41671-A08A501	41671-0051	A-41671-A08A503	26-48-9083	A-41671-A08D102	41671-0070	A-41671-A08B102
9	26-48-2095	A-41671-A09A501	26-48-9096	A-41671-A09A503	26-48-9093	A-41671-A09D102	26-48-6095	A-41671-A09B102
10	26-48-2105	A-41671-A10A501	26-48-9106	A-41671-A10A503	26-48-9103	A-41671-A10D102	41671-0071	A-41671-A10B102
11	26-48-2115	A-41671-A11A501	41671-0052	A-41671-A11A503	26-48-9113	A-41671-A11D102	41671-0072	A-41671-A11B102
12	26-48-2125	A-41671-A12A501	26-48-9126	A-41671-A12A503	26-48-9123	A-41671-A12D102	41671-0073	A-41671-A12B102
13	26-48-2135	A-41671-A13A501	41671-0053	A-41671-A13A503	26-48-9133	A-41671-A13D102	41671-0074	A-41671-A13B102
14	26-48-2145	A-41671-A14A501	41671-0054	A-41671-A14A503	26-48-9143	A-41671-A14D102	41671-0075	A-41671-A14B102
15	26-48-2155	A-41671-A15A501	41671-0055	A-41671-A15A503	26-48-9153	A-41671-A15D102	41671-0076	A-41671-A15B102
16	26-48-2165	A-41671-A16A501	41671-0056	A-41671-A16A503	26-48-9163	A-41671-A16D102	41671-0077	A-41671-A16B102
17	26-48-2175	A-41671-A17A501	41671-0057	A-41671-A17A503	26-48-9173	A-41671-A17D102	41671-0078	A-41671-A17B102
18	26-48-2185	A-41671-A18A501	41671-0058	A-41671-A18A503	26-48-9183	A-41671-A18D102	41671-0079	A-41671-A18B102
19	26-48-2195	A-41671-A19A501	41671-0059	A-41671-A19A503	26-48-9193	A-41671-A19D102	41671-0080	A-41671-A19B102
20	26-48-2205	A-41671-A20A501	41671-0060	A-41671-A20A503	26-48-9203	A-41671-A20D102	41671-0081	A-41671-A20B102
21	26-48-2215	A-41671-A21A501	41671-0061	A-41671-A21A503	26-48-9213	A-41671-A21D102	41671-0082	A-41671-A21B102
22	26-48-2225	A-41671-A22A501	41671-0062	A-41671-A22A503	26-48-9223	A-41671-A22D102	41671-0083	A-41671-A22B102
23	26-48-2235	A-41671-A23A501	41671-0063	A-41671-A23A503	26-48-9233	A-41671-A23D102	41671-0084	A-41671-A23B102
24	26-48-2245	A-41671-A24A501	26-48-9246	A-41671-A24A503	26-48-9243	A-41671-A24D102	26-48-6245	A-41671-A24B102

<u>REV:</u> AJ	<u>ECR/ECN INFORMATION:</u> EC. NO. UCP2009-1378 DATE: 12/8/2008	<u>TITLE:</u> KK .156 HEADER ASSEMBLY FRICTION LOCK STRAIGHT 2-24 CKTS.			<u>SHEET No.</u> - 3 -
<u>DOCUMENT NUMBER:</u> SD – 41671 - 001		<u>CREATED / REVISED BY:</u> MKIPPER	<u>CHECKED BY:</u> SSOUSEK	<u>APPROVED BY:</u> FSMITH	
TEMPLATE FILENAME: PRODUCT_SPEC [SIZE_A](V.1). DOC					

Ckts	Group No: A-41671-ANF102		Group No: A-41671-ANB501		Group No: A-41671-ANF501		Group No: A-41671-ANN102	
	Pin No: 2161-24 (102)		Pin No: 2161-1 (501)		Pin No: 2161-24 (501)		Pin No: 2161-19 (102)	
	Plating: 102 TIN		Plating: 501 GOLD		Plating: 501 GOLD		Plating: 102 TIN	
	Pin Length L .800 / 20.32		Pin Length L .750 / 19.05		Pin Length L .800 / 20.32		Pin Length L 1.032 / 26.21	
	Mating M .480 / 12.19		Mating M .523 / 13.28		Mating M .480 / 12.19		Mating M .450 / 11.43	
	Gold Loc G NA		Gold Loc G OVERALL		Gold Loc G OVERALL		Gold Loc G NA	
	PC Tail P .192 / 4.88		PC Tail P .099 / 2.51		PC Tail P .192 / 4.88		PC Tail P .454 / 11.53	
	Tin Loc T OVERALL		Tin Loc T NA		Tin Loc T NA		Tin Loc T OVERALL	
	Voided Ckts NONE		Voided Ckts NONE		Voided Ckts NONE		Voided Ckts NONE	
	Pack Per PK-41671-001		Pack Per PK-41671-001		Pack Per PK-41671-001		Pack Per PK-41671-001	
	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number
	26-48-4026	A-41671-A02F102	26-48-2027	A-41671-A02B501	41671-0250	A-41671-A02F501		A-41671-A02N102
	26-48-4036	A-41671-A03F102	26-48-2037	A-41671-A03B501	41671-0350	A-41671-A03F501		A-41671-A03N102
	26-48-4046	A-41671-A04F102	26-48-2047	A-41671-A04B501	41671-0450	A-41671-A04F501		A-41671-A04N102
	26-48-4056	A-41671-A05F102	26-48-2057	A-41671-A05B501	41671-0550	A-41671-A05F501		A-41671-A05N102
	26-48-4066	A-41671-A06F102	26-48-2067	A-41671-A06B501	41671-0650	A-41671-A06F501		A-41671-A06N102
	26-48-4076	A-41671-A07F102	26-48-2077	A-41671-A07B501	41671-0750	A-41671-A07F501		A-41671-A07N102
	26-48-4086	A-41671-A08F102	26-48-2087	A-41671-A08B501	41671-0850	A-41671-A08F501		A-41671-A08N102
	26-48-4096	A-41671-A09F102	26-48-2097	A-41671-A09B501	41671-0950	A-41671-A09F501		A-41671-A09N102
	26-48-4106	A-41671-A10F102	26-48-2107	A-41671-A10B501	41671-1050	A-41671-A10F501		A-41671-A10N102
	26-48-4116	A-41671-A11F102	26-48-2117	A-41671-A11B501	41671-1150	A-41671-A11F501		A-41671-A11N102
	26-48-4126	A-41671-A12F102	26-48-2127	A-41671-A12B501	41671-1250	A-41671-A12F501		A-41671-A12N102
	26-48-4136	A-41671-A13F102	26-48-2137	A-41671-A13B501	41671-1350	A-41671-A13F501		A-41671-A13N102
	26-48-4146	A-41671-A14F102	26-48-2147	A-41671-A14B501	41671-1450	A-41671-A14F501		A-41671-A14N102
	26-48-4156	A-41671-A15F102	26-48-2157	A-41671-A15B501	41671-1550	A-41671-A15F501		A-41671-A15N102
	26-48-4166	A-41671-A16F102	26-48-2167	A-41671-A16B501	41671-1650	A-41671-A16F501		A-41671-A16N102
	26-48-4176	A-41671-A17F102	26-48-2177	A-41671-A17B501	41671-1750	A-41671-A17F501		A-41671-A17N102
	26-48-4186	A-41671-A18F102	26-48-2187	A-41671-A18B501	41671-1850	A-41671-A18F501		A-41671-A18N102
	26-48-4196	A-41671-A19F102	26-48-2197	A-41671-A19B501	41671-1950	A-41671-A19F501		A-41671-A19N102
	26-48-4206	A-41671-A20F102	26-48-2207	A-41671-A20B501	41671-2050	A-41671-A20F501		A-41671-A20N102
	26-48-4216	A-41671-A21F102	26-48-2217	A-41671-A21B501	41671-2150	A-41671-A21F501		A-41671-A21N102
	26-48-4226	A-41671-A22F102	26-48-2227	A-41671-A22B501	41671-2250	A-41671-A22F501		A-41671-A22N102
	26-48-4236	A-41671-A23F102	26-48-2237	A-41671-A23B501	41671-2350	A-41671-A23F501		A-41671-A23N102
	26-48-4246	A-41671-A24F102	26-48-2247	A-41671-A24B501	41671-2450	A-41671-A24F501	26-48-8247	A-41671-A24N102

<u>REV:</u> AJ	<u>ECR/ECN INFORMATION:</u> EC. NO. UCP2009-1378 DATE: 12/8/2008	<u>TITLE:</u> KK .156 HEADER ASSEMBLY FRICTION LOCK STRAIGHT 2-24 CKTS.			<u>SHEET No.</u> - 4 -
<u>DOCUMENT NUMBER:</u> SD – 41671 - 001		<u>CREATED / REVISED BY:</u> MKIPPER	<u>CHECKED BY:</u> SSOUSEK	<u>APPROVED BY:</u> FSMITH	

Ckts	Group No: A-41671-CNP228		Group No: A-41671-CNR208		Group No: A-41671-ANT102		Group No: A-41671-ANA122	
	Pin No: 43294-0282		Pin No: 43294-0344		Pin No: 2161-37 (102)		Pin No: 2161-1 (122)	
	Plating: 228 30 GOLD		Plating: 208 15 GOLD		Plating: 102 TIN		Plating: 122 TIN	
	Pin Length L .800 / 20.32		Pin Length L .870 / 22.10		Pin Length L 1.100 / 27.94		Pin Length L .750 / 19.05	
	Mating M .523 / 13.28		Mating M .450 / 11.43		Mating M .486 / 12.34		Mating M .450 / 11.43	
	Gold Loc G .350 / 8.89		Gold Loc G .400 / 10.16		Gold Loc G NA		Gold Loc G NA	
	PC Tail P .149 / 3.78		PC Tail P .292 / 7.42		PC Tail P .486 / 12.34		PC Tail P .172 / 4.37	
	Tin Loc T .200 / 5.08		Tin Loc T .200 / 5.08		Tin Loc T OVERALL		Tin Loc T OVERALL	
	Voided Ckts NONE		Voided Ckts NONE		Voided Ckts NONE		Voided Ckts NONE	
	Pack Per PK-41671-001		Pack Per PK-41671-001		Pack Per PK-41671-001		Pack Per PK-41671-001	
	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number
	41671-2451	A-41671-C02P228	41671-2474	A-41671-C02R208	41671-3400	A-41671-A02T102	41671-3423	A-41671-A02A122
	41671-2452	A-41671-C03P228	41671-2475	A-41671-C03R208	41671-3401	A-41671-A03T102	41671-3424	A-41671-A03A122
	41671-2453	A-41671-C04P228	41671-2476	A-41671-C04R208	41671-3402	A-41671-A04T102	41671-3425	A-41671-A04A122
	41671-2454	A-41671-C05P228	41671-2477	A-41671-C05R208	41671-3403	A-41671-A05T102	41671-3426	A-41671-A05A122
	41671-2455	A-41671-C06P228	41671-2478	A-41671-C06R208	41671-3404	A-41671-A06T102	41671-3427	A-41671-A06A122
	41671-2456	A-41671-C07P228	41671-2479	A-41671-C07R208	41671-3405	A-41671-A07T102	41671-3428	A-41671-A07A122
	41671-2457	A-41671-C08P228	41671-2480	A-41671-C08R208	41671-3406	A-41671-A08T102	41671-3429	A-41671-A08A122
	41671-2458	A-41671-C09P228	41671-2481	A-41671-C09R208	41671-3407	A-41671-A09T102	41671-3430	A-41671-A09A122
	41671-2459	A-41671-C10P228	41671-2482	A-41671-C10R208	41671-3408	A-41671-A10T102	41671-3431	A-41671-A10A122
	41671-2460	A-41671-C11P228	41671-2483	A-41671-C11R208	41671-3409	A-41671-A11T102	41671-3432	A-41671-A11A122
	41671-2461	A-41671-C12P228	41671-2484	A-41671-C12R208	41671-3410	A-41671-A12T102	41671-3433	A-41671-A12A122
	41671-2462	A-41671-C13P228	41671-2485	A-41671-C13R208	41671-3411	A-41671-A13T102	41671-3434	A-41671-A13A122
	41671-2463	A-41671-C14P228	41671-2486	A-41671-C14R208	41671-3412	A-41671-A14T102	41671-3435	A-41671-A14A122
	41671-2464	A-41671-C15P228	41671-2487	A-41671-C15R208	41671-3413	A-41671-A15T102	41671-3436	A-41671-A15A122
	41671-2465	A-41671-C16P228	41671-2488	A-41671-C16R208	41671-3414	A-41671-A16T102	41671-3437	A-41671-A16A122
	41671-2466	A-41671-C17P228	41671-2489	A-41671-C17R208	41671-3415	A-41671-A17T102	41671-3438	A-41671-A17A122
	41671-2467	A-41671-C18P228	41671-2490	A-41671-C18R208	41671-3416	A-41671-A18T102	41671-3439	A-41671-A18A122
	41671-2468	A-41671-C19P228	41671-2491	A-41671-C19R208	41671-3417	A-41671-A19T102	41671-3440	A-41671-A19A122
	41671-2469	A-41671-C20P228	41671-2492	A-41671-C20R208	41671-3418	A-41671-A20T102	41671-3441	A-41671-A20A122
	41671-2470	A-41671-C21P228	41671-2493	A-41671-C21R208	41671-3419	A-41671-A21T102	41671-3442	A-41671-A21A122
	41671-2471	A-41671-C22P228	41671-2494	A-41671-C22R208	41671-3420	A-41671-A22T102	41671-3443	A-41671-A22A122
	41671-2472	A-41671-C23P228	41671-2495	A-41671-C23R208	41671-3421	A-41671-A23T102	41671-3444	A-41671-A23A122
	41671-2473	A-41671-C24P228	41671-2496	A-41671-C24R208	41671-3422	A-41671-A24T102	41671-3445	A-41671-A24A122

REV: AJ	ECR/ECN INFORMATION: EC. NO. UCP2009-1378 DATE: 12/8/2008	TITLE: KK .156 HEADER ASSEMBLY FRICTION LOCK STRAIGHT 2-24 CKTS.	SHEET No. - 5 -
DOCUMENT NUMBER: SD - 41671 - 001		CREATED / REVISED BY: MKIPPER	CHECKED BY: SSOUSEK
		APPROVED BY: FSMITH	

TEMPLATE FILENAME: PRODUCT_SPEC [SIZE_A](V.1). DOC

Group No:	A-41671-ANA102-* REF SEE SHT 1		Group No:	A-41671-ANA102-* REF SEE SHT 1		Group No:	A-41671-ANA102-* REF SEE SHT 1	
Pin No:			Pin No:			Pin No:		
Plating:			Plating:			Plating:		
Pin Length L			Pin Length L			Pin Length L		
Mating M			Mating M			Mating M		
Gold Loc G			Gold Loc G			Gold Loc G		
PC Tail P			PC Tail P			PC Tail P		
Tin Loc T			Tin Loc T			Tin Loc T		
Voided Ckts	SEE CHART BELOW		Voided Ckts	SEE CHART BELOW		Voided Ckts	SEE CHART BELOW	
Pack Per			Pack Per			Pack Per		
Material No	Engineer Number	Void Ckts	Material No	Engineer Number	Void Ckts	Material No	Engineer Number	Void Ckts
26-50-3030	A-41671-A03A102-2	2	26-50-3073	A-41671-A07A102-3	3	26-50-3202	A-41671-A20A102-51	2,4,6,8 10,12,14,16
26-50-3040	A-41671-A04A102-2	2	26-50-5080	A-41671-A08A102-51	2,4	26-50-3167	A-41671-A16A102-53	2,4,6,8
26-50-3050	A-41671-A05A102-2	2	26-50-3063	A-41671-A06A102-3	3	26-50-3152	A-41671-A15A102-52	4,6,8,10,12,14
26-50-3060	A-41671-A06A102-2	2	26-50-3071	A-41671-A07A102-52	2,4,6	26-50-3126	A-41671-A12A102-53	2,3,5,6,8,10
26-50-3070	A-41671-A07A102-2	2	26-50-3051	A-41671-A05A102-51	2,4	26-50-3240	A-41671-A24A102-2	2
26-50-3080	A-41671-A08A102-2	2	26-50-3062	A-41671-A06A102-4	4	26-50-5090	A-41671-A10A102-55	2,5
26-50-3090	A-41671-A09A102-2	2	26-50-3068	A-41671-A06A102-6	6	41671-3100	A-41671-A05A102-3	3
26-50-3100	A-41671-A10A102-2	2	26-50-3111	A-41671-A11A102-51	5,10	41671-3112	A-41671-A14A102-12	12
26-50-3110	A-41671-A11A102-2	2	26-50-3065	A-41671-A06A102-5	5	41671-3113	A-41671-A14A102-51	11, 12
26-50-3120	A-41671-A12A102-2	2	26-50-3054	A-41671-A05A102-4	4	41671-3446	A-41671-A06A102-55	1, 3, 5
26-50-3130	A-41671-A13A102-2	2	26-50-3154	A-41671-A15A102-4	4			
26-50-3140	A-41671-A14A102-2	2	26-50-3145	A-41671-A14A102-55	2,4,8,12			
26-50-3150	A-41671-A15A102-2	2	26-50-3155	A-41671-A15A102-54	3,10,13			
26-50-3160	A-41671-A16A102-2	2	26-50-3066	A-41671-A6A102-54	2,4			
26-50-3170	A-41671-A17A102-2	2	26-50-3108	A-41671-A10A102-53	3,10			
26-50-3180	A-41671-A18A102-2	2	26-50-3103	A-41671-A10A102-7	7			
26-50-3190	A-41671-A19A102-2	2	26-50-3087	A-41671-A8A102-52	5,7			
26-50-3200	A-41671-A20A102-2	2	26-50-5081	A-41671-A08A102-6	6			
26-50-3210	A-41671-A21A102-2	2	26-50-3132	A-41671-A13A102-5	5			
26-50-3220	A-41671-A22A102-2	2	26-50-3165	A-41671-A16A102-52	2,15			
26-50-3230	A-41671-A23A102-2	2	41671-0085	A-41671-A10A102-56	5,8			

REV:	ECR/ECN INFORMATION:	TITLE:	SHEET No.
AJ	EC. NO. UCP2009-1378	KK .156 HEADER ASSEMBLY FRICTION LOCK STRAIGHT 2-24 CKTS.	- 6 -
	DATE: 12/8/2008		
DOCUMENT NUMBER:		CREATED / REVISED BY:	CHECKED BY:
SD – 41671 - 001		MKIPPER	SSOUSEK
		APPROVED BY:	
		FSMITH	

TEMPLATE FILENAME: PRODUCT_SPEC [SIZE_A](V.1). DOC

