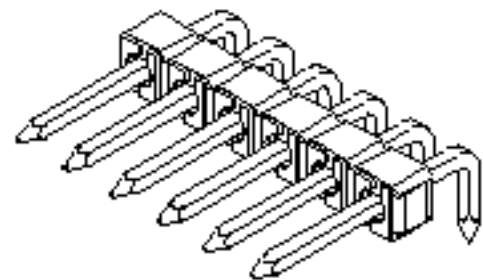


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0022288180
Status: Active
Description: 2.54mm (.100") Pitch KK® Header, Breakaway, Right Angle Surface Mount
Compatible, 18 Circuits, Tin (Sn) Plating, Mating Pin Length 6.20mm (.244")



Series

image - Reference only

Documents:

- 3D Model
- Packaging Specification (PDF)
- Drawing (PDF)
- Product Specification PS-10-07 (PDF)
- RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Product Name

PCB Headers

42377

Board-to-Board, Wire-to-Board

KK®

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

Flammability

Glow-Wire Compliant

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

Yes

18

18

Black

25

94V-0

No

None

Brass

Tin

Tin

High Temperature Thermoplastic

1

Right Angle

0.120 In

3.05 mm

No

None

0.062 In

1.60 mm

Bag

0.100 In

2.54 mm

100

2.5

100

2.5

Yes

No

Partial

No

Yes

0°C to +75°C

Through Hole

Electrical

CSA

Current - Maximum per Contact

UL

LR19980

4A

E29179

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status
Not Reviewed

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
42377Series

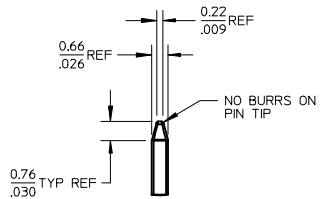
Mates With
2695 , 6471 , 7880 , 4455 , 7720 , 70430 , 7859 , L ink:90148, 90147 , 70400a , 70066a , 40556

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	42377-0018
Reference - Drawing Numbers	
Product Specification	PS-10-07
Sales Drawing	SD-42377-001

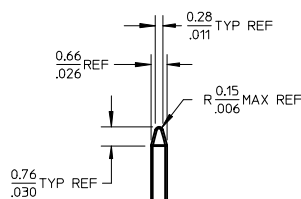
This document was generated on 02/25/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

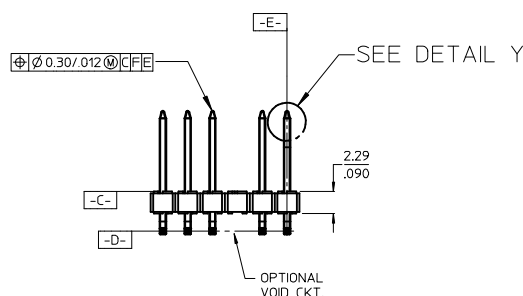
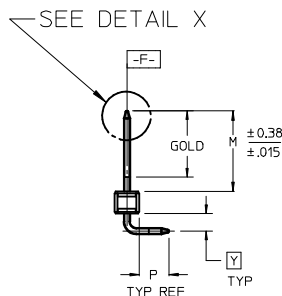
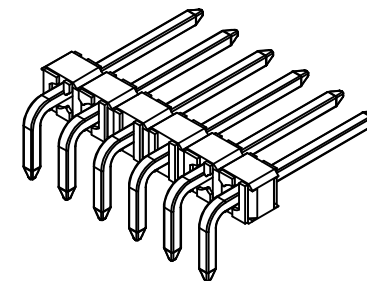
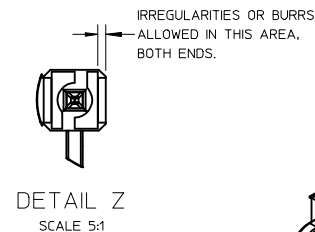
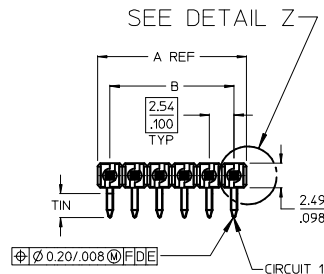
NO. CKTS	DIM. A	DIM. B
2	5.08 200	2.54 100
3	7.62 300	5.08 200
4	10.16 400	7.62 300
5	12.70 500	10.16 400
6	15.24 600	12.70 500
7	17.78 700	15.24 600
8	20.32 800	17.78 700
9	22.86 900	20.32 800
10	25.40 1000	22.86 900
11	27.94 1100	25.40 1000
12	30.48 1200	27.94 1100
13	33.02 1300	30.48 1200
14	35.56 1400	33.02 1300
15	38.10 1500	35.56 1400
16	40.64 1600	38.10 1500
17	43.18 1700	40.64 1600
18	45.72 1800	43.18 1700
19	48.26 1900	45.72 1800
20	50.80 2000	48.26 1900
21	53.34 2100	50.80 2000
22	55.88 2200	53.34 2100
23	58.42 2300	55.88 2200
24	60.96 2400	58.42 2300
25	63.50 2500	60.96 2400
26	66.04 2600	63.50 2500
27	68.58 2700	66.04 2600
28	71.12 2800	68.58 2700
29	73.66 2900	71.12 2800
30	76.20 3000	73.66 2900
31	78.74 3100	76.20 3000
32	81.28 3200	78.74 3100
33	83.82 3300	81.28 3200
34	86.36 3400	83.82 3300
35	88.90 3500	86.36 3400
36	91.44 3600	88.90 3500



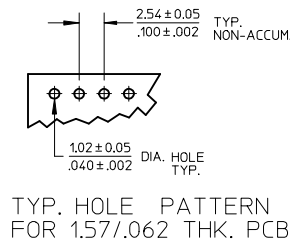
DETAIL X
SCALE 5:1
SEE NOTE 10



DETAIL Y
SCALE 5:1
SEE NOTE 10



- NOTES:
- MATERIAL: GLASS FILLED NYLON
UL94V-0, COLOR: BLACK
 - FINISH:
 - (154)* OVERALL TIN: 0.00254/.000100 MIN. OVER NICKEL: 0.00127/.000050 MIN.
 - (208) SELECT GOLD: 0.00038/.000015 MIN.
 - * SELECT TIN: 0.00254/.000100 MIN. WITH OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.
 - (228) SELECT GOLD: 0.00076/.000030 MIN.
 - * SELECT TIN: 0.00254/.000100 MIN. WITH OVERALL NICKEL UNDERPLATE: 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 PLATINGS.
 - PRODUCT SPECIFICATION: PS 10-07.
 - PACKAGING INFORMATION: SEE TABLES
 - SOLDERABILITY PER SMES-152.
 - PIN PUSH OUT FORCE: 3 LBS. MIN
 - SEE SMES-42003 FOR ADDITIONAL INFORMATION ON KINK PIN DIRECTION AND PLACEMENT.
 - HEADERS ARE NOT STACKABLE ON 2.54/.100 CENTERS.
 - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
 - PIN TIP DIMENSIONS ARE SHOWN FOR REFERENCE ONLY. DIMENSIONS APPLY PRIOR TO PLATING OR ASSEMBLY.



ADD PN 42377-1429 EC NO: UCP2009-0952 DRWN:MK/PPER 2008/10/27 CHKD: J.BELL 2008/10/30 APPR: F.S.MITH 2008/10/31 X1	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION ⊙ □				
				mm	INCH	DRAWN BY JSCHAFFER	DATE 11/24/03	TITLE KK 100 HEADER ASSEMBLY FLAT RIGHT ANGLE BREAKAWAY MOLEX MOLEX INCORPORATED					
			4 PLACES	± ---	± ---	CHECKED BY	DATE						
			3 PLACES	± ---	± .010	SAMIEC	11/24/03						
			2 PLACES	± 0.25	± .015	APPROVED BY	DATE						
			1 PLACE	± 0.38	± ---	MARGULIS	11/24/03	DOCUMENT NO.		SHEET NO.			
			ANGULAR ±1/2 °		MATERIAL NO.		SEE CHART			SD-42377-001			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

✓ A-42377-0002 / 0036						✓ A-42377-0037 / 0071					
HEADER NUMBER:			42312-0036			HEADER NUMBER:			42312-0036		
PIN NUMBER:			42663-AZA154			PIN NUMBER:			42663-BSA154		
PIN LENGTH: L			.550/13.97			PIN LENGTH: L			.630/16.00		
MATING LENGTH: M			.244/6.20			MATING LENGTH: M			.324/8.23		
GOLD POINT: G			N/A			GOLD POINT: G			N/A		
PI N HEIGHT: Y			.070/1.78			PI N HEIGHT: Y			.070/1.78		
PC TAIL LENGTH: P			.120/3.05			PC TAIL LENGTH: P			.120/3.05		
TIN: T			OVERALL			TIN: T			OVERALL		
CKTS:			2-36			CKTS:			2-36		
KINKS:			NONE			KINKS:			NONE		
REMOVED BACKWALLS:			NONE			REMOVED BACKWALLS:			NONE		
VOIDED CKTS:			NONE			VOIDED CKTS:			NONE		
PACKAGING:			BULK PK-40873-0041			PACKAGING:			BULK PK-40873-0041		
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER
02	22-28-8020	42377-0002	20	22-28-8200	42377-0020	02	22-28-8021	42377-0037	20	22-28-8201	42377-0055
03	22-28-8030	42377-0003	21	22-28-8210	42377-0021	03	22-28-8031	42377-0038	21	22-28-8211	42377-0056
04	22-28-8040	42377-0004	22	22-28-8220	42377-0022	04	22-28-8041	42377-0039	22	22-28-8221	42377-0057
05	22-28-8050	42377-0005	23	22-28-8230	42377-0023	05	22-28-8051	42377-0040	23	22-28-8231	42377-0058
06	22-28-8060	42377-0006	24	22-28-8240	42377-0024	06	22-28-8061	42377-0041	24	22-28-8241	42377-0059
07	22-28-8070	42377-0007	25	22-28-8250	42377-0025	07	22-28-8071	42377-0042	25	22-28-8251	42377-0060
08	22-28-8080	42377-0008	26	22-28-8260	42377-0026	08	22-28-8081	42377-0043	26	22-28-8261	42377-0061
09	22-28-8090	42377-0009	27	22-28-8270	42377-0027	09	22-28-8091	42377-0044	27	22-28-8271	42377-0062
10	22-28-8100	42377-0010	28	22-28-8280	42377-0028	10	22-28-8101	42377-0045	28	22-28-8281	42377-0063
11	22-28-8110	42377-0011	29	22-28-8290	42377-0029	11	22-28-8111	42377-0046	29	22-28-8291	42377-0064
12	22-28-8120	42377-0012	30	22-28-8300	42377-0030	12	22-28-8121	42377-0047	30	22-28-8301	42377-0065
13	22-28-8130	42377-0013	31	22-28-8310	42377-0031	13	22-28-8131	42377-0048	31	22-28-8311	42377-0066
14	22-28-8140	42377-0014	32	22-28-8320	42377-0032	14	22-28-8141	42377-0049	32	22-28-8321	42377-0067
15	22-28-8150	42377-0015	33	22-28-8330	42377-0033	15	22-28-8151	42377-0050	33	22-28-8331	42377-0068
16	22-28-8160	42377-0016	34	22-28-8340	42377-0034	16	22-28-8161	42377-0051	34	22-28-8341	42377-0069
17	22-28-8170	42377-0017	35	22-28-8350	42377-0035	17	22-28-8171	42377-0052	35	22-28-8351	42377-0070
18	22-28-8180	42377-0018	36	22-28-8360	42377-0036	18	22-28-8181	42377-0053	36	22-28-8361	42377-0071
19	22-28-8190	42377-0019				19	22-28-8191	42377-0054			
REV:		<u>ECR/ECN INFORMATION:</u>			<u>TITLE:</u>					<u>SHEET No.</u>	
X1		<u>EC No:</u> UCP2009-0952			KK 100 HEADER ASSEMBLY FLAT RIGHT ANGLE BREAKAWAY					- 2 -	
		<u>DATE:</u> 10/31/2008									
<u>DOCUMENT NUMBER:</u>					<u>CREATED / REVISED BY:</u>			<u>CHECKED BY:</u>		<u>APPROVED BY:</u>	
SD- 42377-001					MKIPPER			JBELL		FSMITH	
TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC											

✓ A-42377-0072 / 0106						✓ A-42377-0107 / 0141					
HEADER NUMBER:			42312-0036			HEADER NUMBER:			42312-0036		
PIN NUMBER:			42663-AZB208			PIN NUMBER:			42663-BSB208		
PIN LENGTH: L			.550/13.97			PIN LENGTH: L			.630/16.00		
MATING LENGTH: M			.244/6.20			MATING LENGTH: M			.324/8.23		
GOLD POINT: G			.140/3.56			GOLD POINT: G			.140/3.56		
PIN HEIGHT: Y			.070/1.78			PIN HEIGHT: Y			.070/1.78		
PC TAIL LENGTH: P			.120/13.05			PC TAIL LENGTH: P			.120/3.05		
TIN: T			.135/3.43			TIN: T			.135/3.43		
CKTS:			2-36			CKTS:			2-36		
KINKS:			NONE			KINKS:			NONE		
REMOVED BACKWALLS:			NONE			REMOVED BACKWALLS:			NONE		
VOIDED CKTS:			NONE			VOIDED CKTS:			NONE		
PACKAGING:			BULK PK-40873-0041			PACKAGING:			BULK PK-40873-0041		
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER
02	22-28-8022	42377-0072	20	22-28-8202	42377-0090	02	22-28-8023	42377-0107	20	22-28-8203	42377-0125
03	22-28-8032	42377-0073	21	22-28-8212	42377-0091	03	22-28-8033	42377-0108	21	22-28-8213	42377-0126
04	22-28-8042	42377-0074	22	22-28-8222	42377-0092	04	22-28-8043	42377-0109	22	22-28-8223	42377-0127
05	22-28-8052	42377-0075	23	22-28-8232	42377-0093	05	22-28-8053	42377-0110	23	22-28-8233	42377-0128
06	22-28-8062	42377-0076	24	22-28-8242	42377-0094	06	22-28-8063	42377-0111	24	22-28-8243	42377-0129
07	22-28-8072	42377-0077	25	22-28-8252	42377-0095	07	22-28-8073	42377-0112	25	22-28-8253	42377-0130
08	22-28-8082	42377-0078	26	22-28-8262	42377-0096	08	22-28-8083	42377-0113	26	22-28-8263	42377-0131
09	22-28-8092	42377-0079	27	22-28-8272	42377-0097	09	22-28-8093	42377-0114	27	22-28-8273	42377-0132
10	22-28-8102	42377-0080	28	22-28-8282	42377-0098	10	22-28-8103	42377-0115	28	22-28-8283	42377-0133
11	22-28-8112	42377-0081	29	22-28-8292	42377-0099	11	22-28-8113	42377-0116	29	22-28-8293	42377-0134
12	22-28-8122	42377-0082	30	22-28-8302	42377-0100	12	22-28-8123	42377-0117	30	22-28-8303	42377-0135
13	22-28-8132	42377-0083	31	22-28-8312	42377-0101	13	22-28-8133	42377-0118	31	22-28-8313	42377-0136
14	22-28-8142	42377-0084	32	22-28-8322	42377-0102	14	22-28-8143	42377-0119	32	22-28-8323	42377-0137
15	22-28-8152	42377-0085	33	22-28-8332	42377-0103	15	22-28-8153	42377-0120	33	22-28-8333	42377-0138
16	22-28-8162	42377-0086	34	22-28-8342	42377-0104	16	22-28-8163	42377-0121	34	22-28-8343	42377-0139
17	22-28-8172	42377-0087	35	22-28-8352	42377-0105	17	22-28-8173	42377-0122	35	22-28-8353	42377-0140
18	22-28-8182	42377-0088	36	22-28-8362	42377-0106	18	22-28-8183	42377-0123	36	22-28-8363	42377-0141
19	22-28-8192	42377-0089				19	22-28-8193	42377-0124			
REV:		<u>ECR/ECN INFORMATION:</u>			<u>TITLE:</u>					<u>SHEET No.</u>	
X1		<u>EC No:</u> UCP2009-0952			KK 100 HEADER ASSEMBLY FLAT RIGHT ANGLE BREAKAWAY					- 3 -	
		<u>DATE:</u> 10/31/2008									
<u>DOCUMENT NUMBER:</u>					<u>CREATED / REVISED BY:</u>		<u>CHECKED BY:</u>		<u>APPROVED BY:</u>		
SD- 42377-001					MKIPPER		JBELL		FSMITH		
TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC											

✓ A-42377-0142 / 0176						✓ A-42377-0177 / 0211					
HEADER NUMBER:			42312-0036			HEADER NUMBER:			42312-0036		
PIN NUMBER:			42663-BCA154			PIN NUMBER:			42663-BXA154		
PIN LENGTH: L			.565/14.35			PIN LENGTH: L			.645/16.38		
MATING LENGTH: M			.244/6.20			MATING LENGTH: M			.324/8.23		
GOLD POINT: G			N/A			GOLD POINT: G			N/A		
PIN HEIGHT: Y			.070/1.78			PIN HEIGHT: Y			.070/1.78		
PC TAIL LENGTH: P			.135/3.43			PC TAIL LENGTH: P			.135/3.43		
TIN: T			OVERALL			TIN: T			OVERALL		
CKTS:			2-36			CKTS:			2-36		
KINKS:			PER SMES-42003			KINKS:			PER SMES-42003		
REMOVED BACKWALLS:			NONE			REMOVED BACKWALLS:			NONE		
VOIDED CKTS:			NONE			VOIDED CKTS:			NONE		
PACKAGING:			BULK PK-40873-0041			PACKAGING:			BULK PK-40873-0041		
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER
02	22-28-9020	42377-0142	20	22-28-9200	42377-0160	02	22-28-9021	42377-0177	20	22-28-9201	42377-0195
03	22-28-9030	42377-0143	21	22-28-9210	42377-0161	03	22-28-9031	42377-0178	21	22-28-9211	42377-0196
04	22-28-9040	42377-0144	22	22-28-9220	42377-0162	04	22-28-9041	42377-0179	22	22-28-9221	42377-0197
05	22-28-9050	42377-0145	23	22-28-9230	42377-0163	05	22-28-9051	42377-0180	23	22-28-9231	42377-0198
06	22-28-9060	42377-0146	24	22-28-9240	42377-0164	06	22-28-9061	42377-0181	24	22-28-9241	42377-0199
07	22-28-9070	42377-0147	25	22-28-9250	42377-0165	07	22-28-9071	42377-0182	25	22-28-9251	42377-0200
08	22-28-9080	42377-0148	26	22-28-9260	42377-0166	08	22-28-9081	42377-0183	26	22-28-9261	42377-0201
09	22-28-9090	42377-0149	27	22-28-9270	42377-0167	09	22-28-9091	42377-0184	27	22-28-9271	42377-0202
10	22-28-9100	42377-0150	28	22-28-9280	42377-0168	10	22-28-9101	42377-0185	28	22-28-9281	42377-0203
11	22-28-9110	42377-0151	29	22-28-9290	42377-0169	11	22-28-9111	42377-0186	29	22-28-9291	42377-0204
12	22-28-9120	42377-0152	30	22-28-9300	42377-0170	12	22-28-9121	42377-0187	30	22-28-9301	42377-0205
13	22-28-9130	42377-0153	31	22-28-9310	42377-0171	13	22-28-9131	42377-0188	31	22-28-9311	42377-0206
14	22-28-9140	42377-0154	32	22-28-9320	42377-0172	14	22-28-9141	42377-0189	32	22-28-9321	42377-0207
15	22-28-9150	42377-0155	33	22-28-9330	42377-0173	15	22-28-9151	42377-0190	33	22-28-9331	42377-0208
16	22-28-9160	42377-0156	34	22-28-9340	42377-0174	16	22-28-9161	42377-0191	34	22-28-9341	42377-0209
17	22-28-9170	42377-0157	35	22-28-9350	42377-0175	17	22-28-9171	42377-0192	35	22-28-9351	42377-0210
18	22-28-9180	42377-0158	36	22-28-9360	42377-0176	18	22-28-9181	42377-0193	36	22-28-9361	42377-0211
19	22-28-9190	42377-0159				19	22-28-9191	42377-0194			

REV:	<u>ECR/ECN INFORMATION:</u>	<u>TITLE:</u>	<u>SHEET No.</u>
X1	EC No: UCP2009-0952	KK 100 HEADER ASSEMBLY FLAT RIGHT ANGLE BREAKAWAY	- 4 -
	DATE: 10/31/2008		
<u>DOCUMENT NUMBER:</u>		<u>CREATED / REVISED BY:</u>	<u>CHECKED BY:</u>
SD- 42377-001		MKIPPER	JBELL
		<u>APPROVED BY:</u>	
		FSMITH	

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

✓ A-42377-0212/0246											
HEADER NUMBER:		42312-0036									
PIN NUMBER:		42663-BCB208									
PIN LENGTH: L		.565/14.35									
MATING LENGTH: M		.244/6.20									
GOLD POINT: G		.100/2.54									
PIN HEIGHT: Y		.070/1.78									
PC TAIL LENGTH: P		.135/3.43									
TIN: T		.135/3.43									
CKTS:		2-36									
KINKS:		PER SMES-42003									
REMOVED BACKWALLS:		NONE									
VOIDED CKTS:		NONE									
PACKAGING:		BULK PK-40873-0041									
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER						
02	22-28-9022	42377-0212	20	22-28-9202	42377-0230						
03	22-28-9032	42377-0213	21	22-28-9212	42377-0231						
04	22-28-9042	42377-0214	22	22-28-9222	42377-0232						
05	22-28-9052	42377-0215	23	22-28-9232	42377-0233						
06	22-28-9062	42377-0216	24	22-28-9242	42377-0234						
07	22-28-9072	42377-0217	25	22-28-9252	42377-0235						
08	22-28-9082	42377-0218	26	22-28-9262	42377-0236						
09	22-28-9092	42377-0219	27	22-28-9272	42377-0237						
10	22-28-9102	42377-0220	28	22-28-9282	42377-0238						
11	22-28-9112	42377-0221	29	22-28-9292	42377-0239						
12	22-28-9122	42377-0222	30	22-28-9302	42377-0240						
13	22-28-9132	42377-0223	31	22-28-9312	42377-0241						
14	22-28-9142	42377-0224	32	22-28-9322	42377-0242						
15	22-28-9152	42377-0225	33	22-28-9332	42377-0243						
16	22-28-9162	42377-0226	34	22-28-9342	42377-0244						
17	22-28-9172	42377-0227	35	22-28-9352	42377-0245						
18	22-28-9182	42377-0228	36	22-28-9362	42377-0246						
19	22-28-9192	42377-0229									
REV:		ECR/ECN INFORMATION:			TITLE:					SHEET No.	
X1		EC No: UCP2009-0952			KK 100 HEADER ASSEMBLY FLAT RIGHT ANGLE BREAKAWAY					- 5 -	
		DATE: 10/31/2008									
DOCUMENT NUMBER:					CREATED / REVISED BY:		CHECKED BY:		APPROVED BY:		
SD- 42377-001					MKIPPER		JBELL		FSMITH		
TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC											

✓ A-42377-0247-0281					
HEADER NUMBER:		42312-0036			
PIN NUMBER:		42663-BXB208			
PIN LENGTH: L		.645/16.38			
MATING LENGTH: M		.324/8.23			
GOLD POINT: G		.140/3.56			
PIN HEIGHT: Y		.070/1.78			
PC TAIL LENGTH: P		.135/3.43			
TIN: T		.135/3.43			
CKTS:		2-36			
KINKS:		PER SMES-42003			
REMOVED BACKWALLS:		NONE			
VOIDED CKTS:		NONE			
PACKAGING:		BULK PK-40873-0041			
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER
02	22-28-9023	42377-0247	20	22-28-9203	42377-0265
03	22-28-9033	42377-0248	21	22-28-9213	42377-0266
04	22-28-9043	42377-0249	22	22-28-9223	42377-0267
05	22-28-9053	42377-0250	23	22-28-9233	42377-0268
06	22-28-9063	42377-0251	24	22-28-9243	42377-0269
07	22-28-9073	42377-0252	25	22-28-9253	42377-0270
08	22-28-9083	42377-0253	26	22-28-9263	42377-0271
09	22-28-9093	42377-0254	27	22-28-9273	42377-0272
10	22-28-9103	42377-0255	28	22-28-9283	42377-0273
11	22-28-9113	42377-0256	29	22-28-9293	42377-0274
12	22-28-9123	42377-0257	30	22-28-9303	42377-0275
13	22-28-9133	42377-0258	31	22-28-9313	42377-0276
14	22-28-9143	42377-0259	32	22-28-9323	42377-0277
15	22-28-9153	42377-0260	33	22-28-9333	42377-0278
16	22-28-9163	42377-0261	34	22-28-9343	42377-0279
17	22-28-9173	42377-0262	35	22-28-9353	42377-0280
18	22-28-9183	42377-0263	36	22-28-9363	42377-0281
19	22-28-9193	42377-0264			

✓ A-42377-0282 / 0316											
HEADER NUMBER:		42312-0036									
PIN NUMBER:		42663-AZB228									
PIN LENGTH: L		.550/13.97									
MATING LENGTH: M		.244/6.20									
GOLD POINT: G		.140/3.56									
PIN HEIGHT: Y		.070/1.78									
PC TAIL LENGTH: P		.120/3.05									
TIN: T		.135/3.43									
CKTS:		2-36									
KINKS:		NONE									
REMOVED BACKWALLS:		NONE									
VOIDED CKTS:		NONE									
PACKAGING:		BULK PK-40873-0041									
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER						
02	22-28-8024	42377-0282	20	22-28-8204	42377-0300						
03	22-28-8034	42377-0283	21	22-28-8214	42377-0301						
04	22-28-8044	42377-0284	22	22-28-8224	42377-0302						
05	22-28-8054	42377-0285	23	22-28-8234	42377-0303						
06	22-28-8064	42377-0286	24	22-28-8244	42377-0304						
07	22-28-8074	42377-0287	25	22-28-8254	42377-0305						
08	22-28-8084	42377-0288	26	22-28-8264	42377-0306						
09	22-28-8094	42377-0289	27	22-28-8274	42377-0307						
10	22-28-8104	42377-0290	28	22-28-8284	42377-0308						
11	22-28-8114	42377-0291	29	22-28-8294	42377-0309						
12	22-28-8124	42377-0292	30	22-28-8304	42377-0310						
13	22-28-8134	42377-0293	31	22-28-8314	42377-0311						
14	22-28-8144	42377-0294	32	22-28-8324	42377-0312						
15	22-28-8154	42377-0295	33	22-28-8334	42377-0313						
16	22-28-8164	42377-0296	34	22-28-8344	42377-0314						
17	22-28-8174	42377-0297	35	22-28-8354	42377-0315						
18	22-28-8184	42377-0298	36	22-28-8364	42377-0316						
19	22-28-8194	42377-0299									

✓ A-42377-0317 / 0351											
HEADER NUMBER:		42312-0036									
PIN NUMBER:		42663-BSB228									
PIN LENGTH: L		.630/16.00									
MATING LENGTH: M		.324/8.23									
GOLD POINT: G		.140/3.56									
PIN HEIGHT: Y		.070/1.78									
PC TAIL LENGTH: P		.120/3.05									
TIN: T		.135/3.43									
CKTS:		2-36									
KINKS:		NONE									
REMOVED BACKWALLS:		NONE									
VOIDED CKTS:		NONE									
PACKAGING:		BULK PK-40873-0041									
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER						
02	22-28-8025	42377-0317	20	22-28-8205	42377-0335						
03	22-28-8035	42377-0318	21	22-28-8215	42377-0336						
04	22-28-8045	42377-0319	22	22-28-8225	42377-0337						
05	22-28-8055	42377-0320	23	22-28-8235	42377-0338						
06	22-28-8065	42377-0321	24	22-28-8245	42377-0339						
07	22-28-8075	42377-0322	25	22-28-8255	42377-0340						
08	22-28-8085	42377-0323	26	22-28-8265	42377-0341						
09	22-28-8095	42377-0324	27	22-28-8275	42377-0342						
10	22-28-8105	42377-0325	28	22-28-8285	42377-0343						
11	22-28-8115	42377-0326	29	22-28-8295	42377-0344						
12	22-28-8125	42377-0327	30	22-28-8305	42377-0345						
13	22-28-8135	42377-0328	31	22-28-8315	42377-0346						
14	22-28-8145	42377-0329	32	22-28-8325	42377-0347						
15	22-28-8155	42377-0330	33	22-28-8335	42377-0348						
16	22-28-8165	42377-0331	34	22-28-8345	42377-0349						
17	22-28-8175	42377-0332	35	22-28-8355	42377-0350						
18	22-28-8185	42377-0333	36	22-28-8365	42377-0351						
19	22-28-8195	42377-0334									

REV:	<u>ECR/ECN INFORMATION:</u>	<u>TITLE:</u>	<u>SHEET No.</u>
X1	<u>EC No:</u> UCP2009-0952	KK 100 HEADER ASSEMBLY FLAT RIGHT ANGLE BREAKAWAY	- 6 -
	<u>DATE:</u> 10/31/2008		
<u>DOCUMENT NUMBER:</u>		<u>CREATED / REVISED BY:</u>	<u>CHECKED BY:</u>
SD- 42377-001		MKIPPER	JBELL
		<u>APPROVED BY:</u>	
		FSMITH	

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

✓ A-42377-0352/0386											
HEADER NUMBER:		42312-0036									
PIN NUMBER:		42663-BCB228									
PIN LENGTH: L		.565/14.35									
MATING LENGTH: M		.244/6.20									
GOLD POINT: G		.100/2.54									
PIN HEIGHT: Y		.070/1.78									
PC TAIL LENGTH: P		.135/3.43									
TIN: T		.135/3.43									
CKTS:		2-36									
KINKS:		PER SMES-42003									
REMOVED BACKWALLS:		NONE									
VOIDED CKTS:		NONE									
PACKAGING:		BULK PK-40873-0041									
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER						
02	22-28-9024	42377-0352	20	22-28-9204	42377-0370						
03	22-28-9034	42377-0353	21	22-28-9214	42377-0371						
04	22-28-9044	42377-0354	22	22-28-9224	42377-0372						
05	22-28-9054	42377-0355	23	22-28-9234	42377-0373						
06	22-28-9064	42377-0356	24	22-28-9244	42377-0374						
07	22-28-9074	42377-0357	25	22-28-9254	42377-0375						
08	22-28-9084	42377-0358	26	22-28-9264	42377-0376						
09	22-28-9094	42377-0359	27	22-28-9274	42377-0377						
10	22-28-9104	42377-0360	28	22-28-9284	42377-0378						
11	22-28-9114	42377-0361	29	22-28-9294	42377-0379						
12	22-28-9124	42377-0362	30	22-28-9304	42377-0380						
13	22-28-9134	42377-0363	31	22-28-9314	42377-0381						
14	22-28-9144	42377-0364	32	22-28-9324	42377-0382						
15	22-28-9154	42377-0365	33	22-28-9334	42377-0383						
16	22-28-9164	42377-0366	34	22-28-9344	42377-0384						
17	22-28-9174	42377-0367	35	22-28-9354	42377-0385						
18	22-28-9184	42377-0368	36	22-28-9364	42377-0386						
19	22-28-9194	42377-0369									
REV:		ECR/ECN INFORMATION:				TITLE:				SHEET No.	
X1		EC No: UCP2009-0952				KK 100 HEADER ASSEMBLY FLAT RIGHT ANGLE BREAKAWAY				- 7 -	
		DATE: 10/31/2008									
DOCUMENT NUMBER:						CREATED / REVISED BY:		CHECKED BY:		APPROVED BY:	
SD- 42377-001						MKIPPER		JBELL		FSMITH	
TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC											

✓ A-42377-0387/0421					
HEADER NUMBER:		42312-0036			
PIN NUMBER:		42663-BXB228			
PIN LENGTH: L		.630/16.00			
MATING LENGTH: M		.324/8.23			
GOLD POINT: G		.140/3.56			
PIN HEIGHT: Y		.070/1.78			
PC TAIL LENGTH: P		.135/3.43			
TIN: T		.135/3.43			
CKTS:		2-36			
KINKS:		PER SMES-42003			
REMOVED BACKWALLS:		NONE			
VOIDED CKTS:		NONE			
PACKAGING:		BULK PK-40873-0041			
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER
02	22-28-9025	42377-0387	20	22-28-9205	42377-0405
03	22-28-9035	42377-0388	21	22-28-9215	42377-0406
04	22-28-9045	42377-0389	22	22-28-9225	42377-0407
05	22-28-9055	42377-0390	23	22-28-9235	42377-0408
06	22-28-9065	42377-0391	24	22-28-9245	42377-0409
07	22-28-9075	42377-0392	25	22-28-9255	42377-0410
08	22-28-9085	42377-0393	26	22-28-9265	42377-0411
09	22-28-9095	42377-0394	27	22-28-9275	42377-0412
10	22-28-9105	42377-0395	28	22-28-9285	42377-0413
11	22-28-9115	42377-0396	29	22-28-9295	42377-0414
12	22-28-9125	42377-0397	30	22-28-9305	42377-0415
13	22-28-9135	42377-0398	31	22-28-9315	42377-0416
14	22-28-9145	42377-0399	32	22-28-9325	42377-0417
15	22-28-9155	42377-0400	33	22-28-9335	42377-0418
16	22-28-9165	42377-0401	34	22-28-9345	42377-0419
17	22-28-9175	42377-0402	35	22-28-9355	42377-0420
18	22-28-9185	42377-0403	36	22-28-9365	42377-0421
19	22-28-9195	42377-0404			

✓ A-42377-0504						
HEADER NUMBER:		42312-0036				
PIN NUMBER:		42663-ABA154				
PIN LENGTH: L		.455/11.56				
MATING LENGTH: M		.149/3.78				
GOLD POINT: G		N/A				
PIN HEIGHT: Y		.070/1.78				
PC TAIL LENGTH: P		.120/3.05				
TIN: T		OVERALL				
CKTS:		2-36				
KINKS:		NONE				
REMOVED BACKWALLS:		NONE				
VOIDED CKTS:		NONE				
PACKAGING:		BULK PK-40873-0041				
CKTS	MATERIAL NUMBER	ENG NUMBER	CKTS	MATERIAL NUMBER	ENG NUMBER	
02			20			
03			21			
04			22			
05			23			
06			24			
07			25			
08			26			
09			27			
10			28			
11			29			
12			30			
13			31			
14	22-28-9148	A-42377-0504	32			
15			33			
16			34			
17			35			
18			36			
19						

REV: X1	<u>ECR/ECN INFORMATION:</u> EC No: UCP2009-0952 DATE: 10/31/2008	<u>TITLE:</u> KK 100 HEADER ASSEMBLY FLAT RIGHT ANGLE BREAKAWAY	<u>SHEET No.</u> - 8 -	
<u>DOCUMENT NUMBER:</u> SD- 42377-001		<u>CREATED / REVISED BY:</u> MKIPPER	<u>CHECKED BY:</u> JBELL	<u>APPROVED BY:</u> FSMITH

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

✓ A-42377-0693 / 0726															
HEADER NUMBER:				42312-0036											
PIN NUMBER:				42663-BCA154											
PIN LENGTH: L				.565/14.35											
MATING LENGTH: M				.244/6.20											
GOLD POINT: G				N/A											
PIN HEIGHT: Y				.070/1.78											
PC TAIL LENGTH: P				.135/3.43											
TIN: T				OVERALL											
CKTS:				3-36											
KINKS:				PER SMES-42003											
REMOVED BACKWALLS:				NO											
VOIDED CKTS:				2											
PACKAGING:				BULK PK-40873-0041											
CKTS	MATERIAL NUMBER			CKTS	MATERIAL NUMBER			CKTS	MATERIAL NUMBER			CKTS	MATERIAL NUMBER		
02				20	42377-0710			02	42377-0779			20	42377-0797		
03	42377-0693			21	42377-0711			03	42377-0780			21	42377-0798		
04	42377-0694			22	42377-0712			04	42377-0781			22	42377-0799		
05	42377-0695			23	42377-0713			05	42377-0782			23	42377-0800		
06	42377-0696			24	42377-0714			06	42377-0783			24	42377-0801		
07	42377-0697			25	42377-0715			07	42377-0784			25	42377-0802		
08	42377-0698			26	42377-0716			08	42377-0785			26	42377-0803		
09	42377-0699			27	42377-0717			09	42377-0786			27	42377-0804		
10	42377-0700			28	42377-0718			10	42377-0787			28	42377-0805		
11	42377-0701			29	42377-0719			11	42377-0788			29	42377-0806		
12	42377-0702			30	42377-0720			12	42377-0789			30	42377-0807		
13	42377-0703			31	42377-0721			13	42377-0790			31	42377-0808		
14	42377-0704			32	42377-0727			14	42377-0791			32	42377-0809		
15	42377-0705			33	42377-0723			15	42377-0792			33	42377-0810		
16	42377-0706			34	42377-0724			16	42377-0793			34	42377-0811		
17	42377-0707			35	42377-0725			17	42377-0794			35	42377-0812		
18	42377-0708			36	42377-0726			18	42377-0795			36	42377-0813		
19	42377-0709							19	42377-0796						
REV:		ECR/ECN INFORMATION:				TITLE:						SHEET No.			
X1		EC No: UCP2009-0952				KK 100 HEADER ASSEMBLY FLAT RIGHT ANGLE BREAKAWAY						- 9 -			
		DATE: 10/31/2008													
DOCUMENT NUMBER:						CREATED / REVISED BY:			CHECKED BY:			APPROVED BY:			
SD- 42377-001						MKIPPER			JBELL			FSMITH			
TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC															

✓ A-42377-0864 / 0898																			
HEADER NUMBER:				42312-0036															
PIN NUMBER:				42663-BXA154															
PIN LENGTH: L				.645/16.38															
MATING LENGTH: M				.324/8.28															
GOLD POINT: G				N/A															
PIN HEIGHT: Y				.070/1.78															
PC TAIL LENGTH: P				.135/3.43															
TIN: T				OVERALL															
CKTS:				2-36															
KINKS:				NONE															
REMOVED BACKWALLS:				NONE															
VOIDED CKTS:				NONE															
PACKAGING:				BULK PK-40873-0041															
CKTS	MATERIAL NUMBER			CKTS	MATERIAL NUMBER														
02	42377-0864			20	42377-0882														
03	42377-0865			21	42377-0883														
04	42377-0866			22	42377-0884														
05	42377-0867			23	42377-0885														
06	42377-0868			24	42377-0886														
07	42377-0869			25	42377-0887														
08	42377-0870			26	42377-0888														
09	42377-0871			27	42377-0889														
10	42377-0872			28	42377-0890														
11	42377-0873			29	42377-0891														
12	42377-0874			30	42377-0892														
13	42377-0875			31	42377-0893														
14	42377-0876			32	42377-0894														
15	42377-0877			33	42377-0895														
16	42377-0878			34	42377-0896														
17	42377-0879			35	42377-0897														
18	42377-0880			36	42377-0898														
19	42377-0881																		
REV:				ECR/ECN INFORMATION:				TITLE:				SHEET No.							
X1				EC No: UCP2009-0952				KK 100 HEADER ASSEMBLY FLAT RIGHT ANGLE BREAKAWAY				- 10 -							
				DATE: 10/31/2008															
DOCUMENT NUMBER:								CREATED / REVISED BY:				CHECKED BY:				APPROVED BY:			
SD- 42377-001								MKIPPER				JBELL				FSMITH			
TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC																			

✓ A-42377-0928 / 0962															
HEADER NUMBER:				42312-0036											
PIN NUMBER:				42663-DHB208											
PIN LENGTH: L				.800/20.32											
MATING LENGTH: M				.317/8.05											
GOLD POINT: G				.180/4.57											
PIN HEIGHT: Y				.070/1.78											
PC TAIL LENGTH: P				.290/7.37											
TIN: T				.135/3.43											
CKTS:				2-36											
KINKS:				NONE											
REMOVED BACKWALLS:				NONE											
VOIDED CKTS:				NONE											
PACKAGING:				BULK PK-40873-0043											
CKTS	MATERIAL NUMBER			CKTS	MATERIAL NUMBER			CKTS	MATERIAL NUMBER			CKTS	MATERIAL NUMBER		
02	42377-0928			20	42377-0946			02	42377-0963			20	42377-0981		
03	42377-0929			21	42377-0947			03	42377-0964			21	42377-0982		
04	42377-0930			22	42377-0948			04	42377-0965			22	42377-0983		
05	42377-0931			23	42377-0949			05	42377-0966			23	42377-0984		
06	42377-0932			24	42377-0950			06	42377-0967			24	42377-0985		
07	42377-0933			25	42377-0951			07	42377-0968			25	42377-0986		
08	42377-0934			26	42377-0952			08	42377-0969			26	42377-0987		
09	42377-0935			27	42377-0953			09	42377-0970			27	42377-0988		
10	42377-0936			28	42377-0954			10	42377-0971			28	42377-0989		
11	42377-0937			29	42377-0955			11	42377-0972			29	42377-0990		
12	42377-0938			30	42377-0956			12	42377-0973			30	42377-0991		
13	42377-0939			31	42377-0957			13	42377-0974			31	42377-0992		
14	42377-0940			32	42377-0958			14	42377-0975			32	42377-0993		
15	42377-0941			33	42377-0959			15	42377-0976			33	42377-0994		
16	42377-0942			34	42377-0960			16	42377-0977			34	42377-0995		
17	42377-0943			35	42377-0961			17	42377-0978			35	42377-0996		
18	42377-0944			36	42377-0962			18	42377-0979			36	42377-0997		
19	42377-0945							19	42377-0980						
REV:		<u>ECR/ECN INFORMATION:</u>				<u>TITLE:</u>						<u>SHEET No.</u>			
X1		EC No: UCP2009-0952				KK 100 HEADER ASSEMBLY FLAT RIGHT ANGLE BREAKAWAY						- 11 -			
		DATE: 10/31/2008													
<u>DOCUMENT NUMBER:</u>						<u>CREATED / REVISED BY:</u>			<u>CHECKED BY:</u>			<u>APPROVED BY:</u>			
SD- 42377-001						MKIPPER			JBELL			FSMITH			
TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC															

✓ A-42377-0998 / 1031																			
HEADER NUMBER:				42312-0036															
PIN NUMBER:				42663-ABA154															
PIN LENGTH: L				.455/11.56															
MATING LENGTH: M				.140/3.56															
GOLD POINT: G				N/A															
PIN HEIGHT: Y				.050/1.27															
PC TAIL LENGTH: P				.145/3.68															
TIN: T				OVERALL															
CKTS:				3-36															
KINKS:				NONE															
REMOVED BACKWALLS:				NONE															
VOIDED CKTS:				3															
PACKAGING:				BULK PK-40873-0041															
CKTS	MATERIAL NUMBER			CKTS	MATERIAL NUMBER														
02				20	42377-1015														
03	42377-0998			21	42377-1016														
04	42377-0999			22	42377-1017														
05	42377-1000			23	42377-1018														
06	42377-1001			24	42377-1019														
07	42377-1002			25	42377-1020														
08	42377-1003			26	42377-1021														
09	42377-1004			27	42377-1022														
10	42377-1005			28	42377-1023														
11	42377-1006			29	42377-1024														
12	42377-1007			30	42377-1025														
13	42377-1008			31	42377-1026														
14	42377-1009			32	42377-1027														
15	42377-1010			33	42377-1028														
16	42377-1011			34	42377-1029														
17	42377-1012			35	42377-1030														
18	42377-1013			36	42377-1031														
19	42377-1014																		
REV:				ECR/ECN INFORMATION:				KK 100 HEADER ASSEMBLY FLAT RIGHT ANGLE BREAKAWAY				<u>SHEET No.</u> - 12 -							
X1				EC No: UCP2009-0952															
				DATE: 10/31/2008															
DOCUMENT NUMBER:								CREATED / REVISED BY:				CHECKED BY:				APPROVED BY:			
SD- 42377-001								MKIPPER				JBELL				FSMITH			
TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC																			

A-42377-1101/1130			
HEADER NUMBER:		42312-0036	
PIN NUMBER:		42663-BSA154	
PIN LENGTH: L		.630/16.00	
MATING LENGTH: M		.324/8.23	
GOLD POINT: G		N/A	
PIN HEIGHT: Y		.070/1.78	
PC TAIL LENGTH: P		.120/3.05	
TIN: T		OVERALL	
CKTS:		2-36	
KINKS:		NONE	
REMOVED BACKWALLS:		NONE	
VOIDED CKTS:		7	
PACKAGING:		BULK PK-40873-0041	
CKTS	MATERIAL NUMBER	CKTS	MATERIAL NUMBER
02		20	42377-1114
03		21	42377-1115
04		22	42377-1116
05		23	42377-1117
06		24	42377-1118
07	42377-1101	25	42377-1119
08	42377-1102	26	42377-1120
09	42377-1103	27	42377-1121
10	42377-1104	28	42377-1122
11	42377-1105	29	42377-1123
12	42377-1106	30	42377-1124
13	42377-1107	31	42377-1125
14	42377-1108	32	42377-1126
15	42377-1109	33	42377-1127
16	42377-1110	34	42377-1128
17	42377-1111	35	42377-1129
18	42377-1112	36	42377-1130
19	42377-1113		
REV:		TITLE:	
X1	<u>ECR/ECN INFORMATION:</u>		KK 100 HEADER ASSEMBLY FLAT RIGHT ANGLE BREAKAWAY
	<u>EC No:</u> UCP2009-0952		
	<u>DATE:</u> 10/31/2008		
<u>DOCUMENT NUMBER:</u>		<u>CREATED / REVISED BY:</u>	<u>CHECKED BY:</u>
SD- 42377-001		MKIPPER	JBELL
		<u>APPROVED BY:</u>	
		FSMITH	
TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC			

A-42377-1131/1165			
HEADER NUMBER:		42312-0036	
PIN NUMBER:		42663-ARB208	
PIN LENGTH: L		.520/13.21	
MATING LENGTH: M		.230/5.84	
GOLD POINT: G		.140/3.56	
PIN HEIGHT: Y		.070/1.78	
PC TAIL LENGTH: P		.093/2.36	
TIN: T		.135/3.43	
CKTS:		2-36	
KINKS:		NONE	
REMOVED BACKWALLS:		NONE	
VOIDED CKTS:		NONE	
PACKAGING:		BULK PK-40873-0041	
CKTS	MATERIAL NUMBER	CKTS	MATERIAL NUMBER
02	42377-1131	20	42377-1149
03	42377-1132	21	42377-1150
04	42377-1133	22	42377-1151
05	42377-1134	23	42377-1152
06	42377-1135	24	42377-1153
07	42377-1136	25	42377-1154
08	42377-1137	26	42377-1155
09	42377-1138	27	42377-1156
10	42377-1139	28	42377-1157
11	42377-1140	29	42377-1158
12	42377-1141	30	42377-1159
13	42377-1142	31	42377-1160
14	42377-1143	32	42377-1161
15	42377-1144	33	42377-1162
16	42377-1145	34	42377-1163
17	42377-1146	35	42377-1164
18	42377-1147	36	42377-1165
19	42377-1148		

A-42377-1166/1200				A-42377-1201/1234				
HEADER NUMBER:		42312-0036		HEADER NUMBER:		42312-0036		
PIN NUMBER:		42663-BKA154		PIN NUMBER:		42663-BKA154		
PIN LENGTH: L		.600/15.24		PIN LENGTH: L		.600/15.24		
MATING LENGTH: M		.320/8.13		MATING LENGTH: M		.320/8.13		
GOLD POINT: G		N/A		GOLD POINT: G		N/A		
PIN HEIGHT: Y		.070/1.78		PIN HEIGHT: Y		.070/1.78		
PC TAIL LENGTH: P		.093/2.36		PC TAIL LENGTH: P		.093/2.36		
TIN: T		OVERALL		TIN: T		OVERALL		
CKTS:		2-36		CKTS:		3-36		
KINKS:		NONE		KINKS:		NONE		
REMOVED BACKWALLS:		NONE		REMOVED BACKWALLS:		NONE		
VOIDED CKTS:		NONE		VOIDED CKTS:		2		
PACKAGING:		BULK PK-40873-0041		PACKAGING:		BULK PK-40873-0041		
CKTS	MATERIAL NUMBER	CKTS	MATERIAL NUMBER	CKTS	MATERIAL NUMBER	CKTS	MATERIAL NUMBER	
02	42377-1166	20	42377-1184	02		20	42377-1218	
03	42377-1167	21	42377-1185	03	42377-1201	21	42377-1219	
04	42377-1168	22	42377-1186	04	42377-1202	22	42377-1220	
05	42377-1169	23	42377-1187	05	42377-1203	23	42377-1221	
06	42377-1170	24	42377-1188	06	42377-1204	24	42377-1222	
07	42377-1171	25	42377-1189	07	42377-1205	25	42377-1223	
08	42377-1172	26	42377-1190	08	42377-1206	26	42377-1224	
09	42377-1173	27	42377-1191	09	42377-1207	27	42377-1225	
10	42377-1174	28	42377-1192	10	42377-1208	28	42377-1226	
11	42377-1175	29	42377-1193	11	42377-1209	29	42377-1227	
12	42377-1176	30	42377-1194	12	42377-1210	30	42377-1228	
13	42377-1177	31	42377-1195	13	42377-1211	31	42377-1229	
14	42377-1178	32	42377-1196	14	42377-1212	32	42377-1230	
15	42377-1179	33	42377-1197	15	42377-1213	33	42377-1231	
16	42377-1180	34	42377-1198	16	42377-1214	34	42377-1232	
17	42377-1181	35	42377-1199	17	42377-1215	35	42377-1233	
18	42377-1182	36	42377-1200	18	42377-1216	36	42377-1234	
19	42377-1183			19	42377-1217			
REV:	ECR/ECN INFORMATION:		TITLE:			SHEET No.		
X1	EC No: UCP2009-0952		KK 100 HEADER ASSEMBLY FLAT RIGHT ANGLE BREAKAWAY			- 14 -		
	DATE: 10/31/2008							
DOCUMENT NUMBER:			CREATED / REVISED BY:		CHECKED BY:		APPROVED BY:	
SD- 42377-001			MKIPPER		JBELL		FSMITH	
TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC								

A-42377-1067/1100					A-42377-1235/1269				
HEADER NUMBER:		42312-0036			HEADER NUMBER:		42312-0036		
PIN NUMBER:		42663-ATB208			PIN NUMBER:		42663-BXB228		
PIN LENGTH: L		.530 / 13.46			PIN LENGTH: L		.645/16.48		
MATING LENGTH: M		.244 / 6.20			MATING LENGTH: M		.324/8.23		
GOLD POINT: G		.140 / 3.56			GOLD POINT: G		.140/3.56		
PIN HEIGHT: Y		.050 / 1.27			PIN HEIGHT: Y		.070/1.78		
PC TAIL LENGTH: P		.120 / 3.05			PC TAIL LENGTH: P		.135/3.43		
TIN: T		.135 / 3.43			TIN: T		.135/3.43		
CKTS:		3-36			CKTS:		2-36		
KINKS:		NONE			KINKS:		NONE		
REMOVED BACKWALLS:		NONE			REMOVED BACKWALLS:		NONE		
VOIDED CKTS:		3			VOIDED CKTS:		NONE		
PACKAGING:		BULK PK-40873-0041			PACKAGING:		BULK PK-40873-0041		
CKTS	MATERIAL NUMBER	CKTS	MATERIAL NUMBER		CKTS	MATERIAL NUMBER	CKTS	MATERIAL NUMBER	
02		20			02	42377-1235	20		
03		21			03		21		
04		22			04		22		
05		23			05		23		
06		24			06		24		
07		25			07		25		
08		26			08		26		
09		27			09		27		
10		28			10		28		
11	42377-1075	29			11		29		
12		30			12		30		
13		31			13		31		
14		32			14		32		
15		33			15		33		
16		34			16		34		
17		35			17		35		
18		36			18		36		
19					19				

REV:	<u>ECR/ECN INFORMATION:</u>	<u>TITLE:</u>	<u>SHEET No.</u>
X1	EC No: UCP2009-0952	KK 100 HEADER ASSEMBLY FLAT RIGHT ANGLE BREAKAWAY	- 15 -
	DATE: 10/31/2008		
<u>DOCUMENT NUMBER:</u>		<u>CREATED / REVISED BY:</u>	<u>CHECKED BY:</u>
SD- 42377-001		MKIPPER	JBELL
		<u>APPROVED BY:</u>	
		FSMITH	

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

A-42377-1270 / 1304				✓ A-42377-1305/1339			
HEADER NUMBER:		42312-0036		HEADER NUMBER:		42312-0036	
PIN NUMBER:		42663-BHA154		PIN NUMBER:		42663-BYA154	
PIN LENGTH: L		.590 / 14.99		PIN LENGTH: L		.650/16.51	
MATING LENGTH: M		.343 / 8.71		MATING LENGTH: M		.394/10.01	
GOLD POINT: G		N/A		GOLD POINT: G		N/A	
PIN HEIGHT: Y		.070 / 1.78		PIN HEIGHT: Y		.050/1.27	
PC TAIL LENGTH: P		<u>.055 +/- .025</u> <u>1.40 +/- 0.64</u>		PC TAIL LENGTH: P		.089/2.26	
TIN: T		OVERALL		TIN: T		OVERALL	
CKTS:		2-36		CKTS:		2-36	
KINKS:		NONE		KINKS:		NONE	
REMOVED BACKWALLS:		NONE		REMOVED BACKWALLS:		NONE	
VOIDED CKTS:		2		VOIDED CKTS:		NONE	
PACKAGING:		BULK PK-40873-0041		PACKAGING:		BULK PK-40873-0041	
CKTS	MATERIAL NUMBER	CKTS	MATERIAL NUMBER	CKTS	MATERIAL NUMBER	CKTS	MATERIAL NUMBER
02		20		02	42377-1305	20	
03	42377-1271	21		03		21	
04		22		04		22	
05		23		05		23	
06		24		06	42377-1309	24	
07		25		07		25	
08		26		08		26	
09		27		09		27	
10		28		10		28	
11		29		11		29	
12		30		12		30	
13		31		13		31	
14		32		14		32	
15		33		15		33	
16		34		16		34	
17		35		17		35	
18		36		18		36	
19				19			

REV:	ECR/ECN INFORMATION:	TITLE:		SHEET No.
X1	EC No:	KK 100 HEADER ASSEMBLY		- 16 -
	DATE:	FLAT RIGHT ANGLE BREAKAWAY		
DOCUMENT NUMBER:		CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SD- 42377-001		MKIPPER	JBELL	FSMITH

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

✓ A-42377-1340/1358			
HEADER NUMBER:		42312-0036	
PIN NUMBER:		42663-AFB208	
PIN LENGTH: L		.475/12.07	
MATING LENGTH: M		.195/4.95	
GOLD POINT: G		.150/3.81	
PIN HEIGHT: Y		.058/1.47	
PC TAIL LENGTH: P		.093/2.36	
TIN: T		.100/2.54	
CKTS:		18-36	
KINKS:		NONE	
REMOVED BACKWALLS:		NONE	
VOIDED CKTS:		2, 4, 5, 6, 7, 9, 11, 12, 13, 14, 16, 18	
PACKAGING:		BULK PK-40873-0041	
CKTS	MATERIAL NUMBER	CKTS	MATERIAL NUMBER
		20	
		21	
		22	
		23	
		24	
		25	
		26	
		27	
		28	
		29	
		30	
		31	
		32	
		33	
		34	
		35	
18		36	
19	42377-1341		

✓ A-42377-1359/1393			
HEADER NUMBER:		42312-0036	
PIN NUMBER:		42663-CJA154	
PIN LENGTH: L		.700 / 17.78	
MATING LENGTH: M		.394/10.01	
GOLD POINT: G		N/A	
PIN HEIGHT: Y		.050/1.27	
PC TAIL LENGTH: P		.135 / 3.43	
TIN: T		OVERALL	
CKTS:		2-36	
KINKS:		PER SMES-42003	
REMOVED BACKWALLS:		NONE	
VOIDED CKTS:		NONE	
PACKAGING:		BULK PK-40873-0041	
CKTS	MATERIAL NUMBER	CKTS	MATERIAL NUMBER
02	42377-1359	20	
03		21	
04		22	
05		23	
06	42377-1363	24	
07		25	
08		26	
09		27	
10		28	
11		29	
12		30	
13		31	
14		32	
15		33	
16		34	
17		35	
18		36	
19			

REV:	<u>ECR/ECN INFORMATION:</u>	<u>TITLE:</u>	<u>SHEET No.</u>
X1	EC No: UCP2009-0952	KK 100 HEADER ASSEMBLY FLAT RIGHT ANGLE BREAKAWAY	- 17 -
	DATE: 10/31/2008		
<u>DOCUMENT NUMBER:</u>		<u>CREATED / REVISED BY:</u>	<u>CHECKED BY:</u>
SD- 42377-001		MKIPPER	JBELL
		<u>APPROVED BY:</u>	
		FSMITH	

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

✓ A-42377-1394/1428			
HEADER NUMBER:		42312-0036	
PIN NUMBER:		42663-CJA154	
PIN LENGTH: L		.700 / 17.78	
MATING LENGTH: M		.394/10.01	
GOLD POINT: G		N/A	
PIN HEIGHT: Y		.050/1.27	
PC TAIL LENGTH: P		.135 / 3.43	
TIN: T		OVERALL	
CKTS:		2-36	
KINKS:		NONE	
REMOVED BACKWALLS:		NONE	
VOIDED CKTS:		NONE	
PACKAGING:		BULK PK-40873-0041	
CKTS	MATERIAL NUMBER	CKTS	MATERIAL NUMBER
02	42377-1394	20	
03		21	
04		22	
05		23	
06		24	
07		25	
08		26	
09		27	
10		28	
11		29	
12		30	
13		31	
14		32	
15		33	
16		34	
17		35	
18		36	
19			

✓ A-42377-1429			
HEADER NUMBER:		42312-0036	
PIN NUMBER:		42663-ECA154	
PIN LENGTH: L		.880 / 22.35	
MATING LENGTH: M		.600/15.24	
GOLD POINT: G		N/A	
PIN HEIGHT: Y		.050/1.27	
PC TAIL LENGTH: P		.116 / 2.95	
TIN: T		OVERALL	
CKTS:		5-36	
KINKS:		NONE	
REMOVED BACKWALLS:		NONE	
VOIDED CKTS:		2,3,4	
PACKAGING:		BULK PK-40873-0041	
CKTS	MATERIAL NUMBER	CKTS	MATERIAL NUMBER
		20	
		21	
		22	
05	42377-1429	23	
06		24	
07		25	
08		26	
09		27	
10		28	
11		29	
12		30	
13		31	
14		32	
15		33	
16		34	
17		35	
18		36	
19			

REV:	<u>ECR/ECN INFORMATION:</u>	<u>TITLE:</u>	<u>SHEET No.</u>
X1	EC No: UCP2009-0952	KK 100 HEADER ASSEMBLY FLAT RIGHT ANGLE BREAKAWAY	- 18 -
	DATE: 10/31/2008		
<u>DOCUMENT NUMBER:</u>		<u>CREATED / REVISED BY:</u>	<u>CHECKED BY:</u>
SD- 42377-001		MKIPPER	JBELL
		<u>APPROVED BY:</u>	
		FSMITH	

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