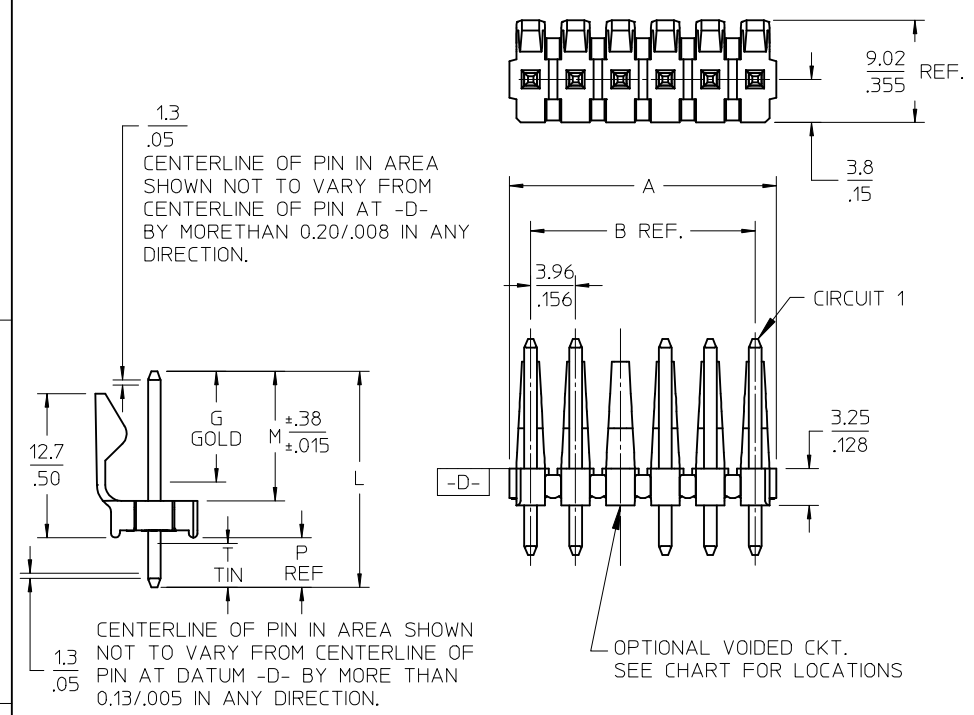


NOTES:

1. MATERIAL: POLYESTER, 94V-0, MOLDED BLACK
2. FINISH: PER ES-88
   (197) OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN. OVER 0.00127/.000050 MIN. NICKEL OVERALL
   (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.
   (241) SELECT GOLD: 0.00051/.000020 MIN. SELECT TIN: 0.00254/.000100 MIN. OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.
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.
9. TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.

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

A-41671- * N * *-*

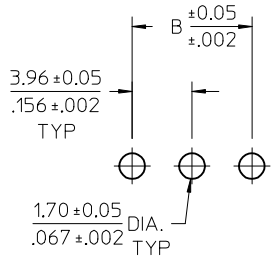
OPTION -PIN- PACKING
C=BRASS -43294- BULK PACK

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

2-*	AK7
1	AK8
SHT	REV

NOTE 9 ADDED 2017/07/28
EC NO: UCP2018-0013 2017/07/05
DRWN:GES
CH'KD:
APPR:ISHWARG
DESCRIPTION
AK8
REV

QUALITY SYMBOLS
F A =0
F C =0
F B =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .015
1 PLACE	± 0.38	± ---
0 PLACE	±	±

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: 1.5:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	JSCHAFER	2004/04/05
CHECKED BY	KSAMIEC	2004/04/05
APPROVED BY	MARGULIS	2004/04/05

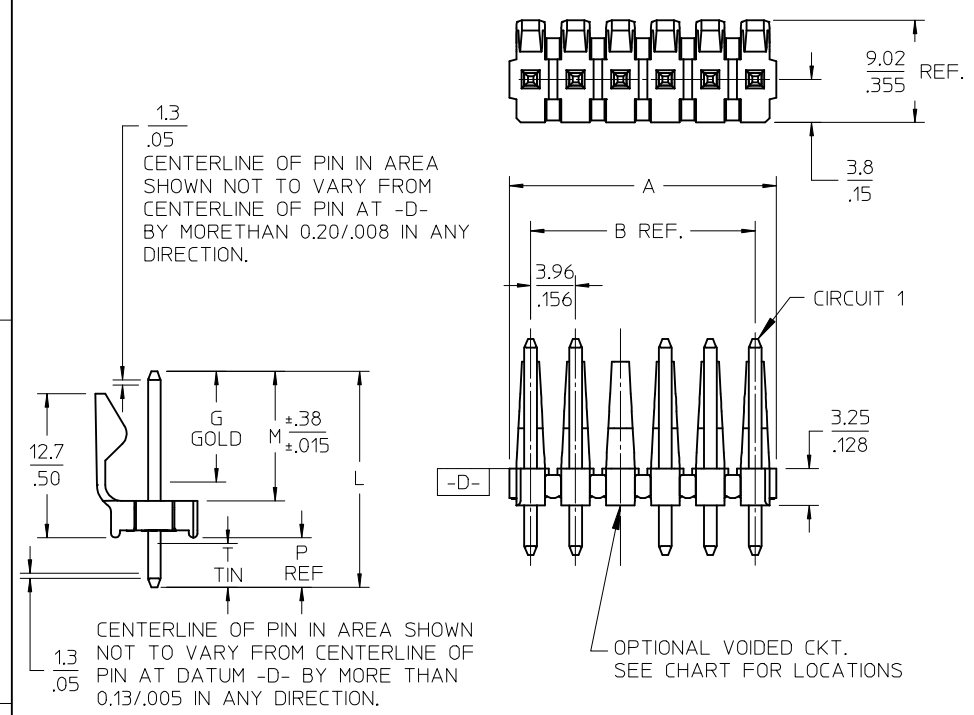
TITLE: KK 156 HEADER ASSEMBLY FRICTION LOCK STRAIGHT BREAKAWAY

molex

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-41671-001
SHEET NO.: 1 OF *

SIZE A

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



NOTES:

1. MATERIAL: POLYESTER, 94V-0, MOLDED BLACK
2. FINISH: PER ES-88
   (197) OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN. OVER 0.00127/.000050 MIN. NICKEL OVERALL
   (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.
   (241) SELECT GOLD: 0.00051/.000020 MIN. SELECT TIN: 0.00254/.000100 MIN. OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.
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.
9. TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.

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
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9	31.70 1.248	34.52/35.61 1.359/1.402
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14	51.51 2.028	54.33/55.42 2.139/2.182
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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

A-41671- * N * *-*

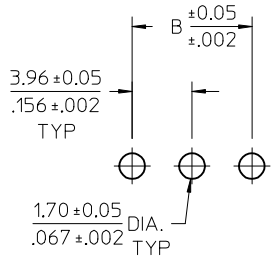
OPTION -PIN- PACKING
C=BRASS -43294- BULK PACK

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

2-*	AK7
1	AK8
SHT	REV

NOTE 9 ADDED 2017/07/28
EC NO: UCP2018-0013 2017/07/05
DRWN:GES
CH'KD:
APPR:ISHWARG
DESCRIPTION
AK8
REV

QUALITY SYMBOLS
F A =0
F C =0
F B =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .015
1 PLACE	± 0.38	± ---
0 PLACE	±	±

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: 1.5:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	JSCHAFER	2004/04/05
CHECKED BY	KSAMIEC	2004/04/05
APPROVED BY	MARGULIS	2004/04/05

TITLE: KK 156 HEADER ASSEMBLY FRICTION LOCK STRAIGHT BREAKAWAY

molex

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-41671-001
SHEET NO.: 1 OF *

SIZE A

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

	Group No:	A-41671-CNA197	Group No:	A-41671-CNA208	Group No:	A-41671-CNA228
	Pin No:	43294-0240	Pin No:	43294-0236	Pin No:	43294-0237
	Plating:	197 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-C02A197	41671-0001	A-41671-C02A208	41671-0024	A-41671-C02A228
3	26-48-1035	A-41671-C03A197	41671-0002	A-41671-C03A208	41671-0025	A-41671-C03A228
4	26-48-1045	A-41671-C04A197	41671-0003	A-41671-C04A208	41671-0026	A-41671-C04A228
5	26-48-1055	A-41671-C05A197	41671-0004	A-41671-C05A208	41671-0027	A-41671-C05A228
6	26-48-1065	A-41671-C06A197	41671-0005	A-41671-C06A208	41671-0028	A-41671-C06A228
7	26-48-1075	A-41671-C07A197	41671-0006	A-41671-C07A208	41671-0029	A-41671-C07A228
8	26-48-1085	A-41671-C08A197	41671-0007	A-41671-C08A208	41671-0030	A-41671-C08A228
9	26-48-1095	A-41671-C09A197	41671-0008	A-41671-C09A208	41671-0031	A-41671-C09A228
10	26-48-1105	A-41671-C10A197	41671-0009	A-41671-C10A208	41671-0032	A-41671-C10A228
11	26-48-1115	A-41671-C11A197	41671-0010	A-41671-C11A208	41671-0033	A-41671-C11A228
12	26-48-1125	A-41671-C12A197	41671-0011	A-41671-C12A208	41671-0034	A-41671-C12A228
13	26-48-1135	A-41671-C13A197	41671-0012	A-41671-C13A208	41671-0035	A-41671-C13A228
14	26-48-1145	A-41671-C14A197	41671-0013	A-41671-C14A208	41671-0036	A-41671-C14A228
15	26-48-1155	A-41671-C15A197	41671-0014	A-41671-C15A208	41671-0037	A-41671-C15A228
16	26-48-1165	A-41671-C16A197	41671-0015	A-41671-C16A208	41671-0038	A-41671-C16A228
17	26-48-1175	A-41671-C17A197	41671-0016	A-41671-C17A208	41671-0039	A-41671-C17A228
18	26-48-1185	A-41671-C18A197	41671-0017	A-41671-C18A208	41671-0040	A-41671-C18A228
19	26-48-1195	A-41671-C19A197	41671-0018	A-41671-C19A208	41671-0041	A-41671-C19A228
20	26-48-1205	A-41671-C20A197	41671-0019	A-41671-C20A208	41671-0042	A-41671-C20A228
21	26-48-1215	A-41671-C21A197	41671-0020	A-41671-C21A208	41671-0043	A-41671-C21A228
22	26-48-1225	A-41671-C22A197	41671-0021	A-41671-C22A208	41671-0044	A-41671-C22A228
23	26-48-1235	A-41671-C23A197	41671-0022	A-41671-C23A208	41671-0045	A-41671-C23A228
24	26-48-1245	A-41671-C24A197	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:	ECR/ECN INFORMATION:	TITLE:	SHEET No.
AK7	**EC. NO. UCP2016-1581** **DATE: 12/14/2015**	KK .156 HEADER ASSEMBLY FRICTION LOCK STRAIGHT 2-24 CKTS.	**- 2 -**

DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SD – 41671 - 001	**MKIPPER**	**JBELL**	**FSMITH**

Group No:	A-41671-CNA241
Pin No:	43294-0241
Plating:	241 GOLD
Pin Length L	.750 / 19.05
Mating M	.450 / 11.43
Gold Loc G	.270/ 6.86
PC Tail P	.172 / 4.37
Tin Loc T	.160/ 4.06
Voided Ckts	NONE
Pack Per	PK-41671-001

Ckts	Material No	Engineer Number
2	26-48-2025	A-41671-C02A241
3	26-48-2035	A-41671-C03A241
4	26-48-2045	A-41671-C04A241
5	26-48-2055	A-41671-C05A241
6	26-48-2065	A-41671-C06A241
7	26-48-2075	A-41671-C07A241
8	26-48-2085	A-41671-C08A241
9	26-48-2095	A-41671-C09A241
10	26-48-2105	A-41671-C10A241
11	26-48-2115	A-41671-C11A241
12	26-48-2125	A-41671-C12A241
13	26-48-2135	A-41671-C13A241
14	26-48-2145	A-41671-C14A241
15	26-48-2155	A-41671-C15A241
16	26-48-2165	A-41671-C16A241
17	26-48-2175	A-41671-C17A241
18	26-48-2185	A-41671-C18A241
19	26-48-2195	A-41671-C19A241
20	26-48-2205	A-41671-C20A241
21	26-48-2215	A-41671-C21A241
22	26-48-2225	A-41671-C22A241
23	26-48-2235	A-41671-C23A241
24	26-48-2245	A-41671-C24A241

Group No:	A-41671-CNA228
Pin No:	43294-0237
Plating:	228 GOLD
Pin Length L	.750 / 19.05
Mating M	.450 / 11.43
Gold Loc G	.270/ 6.86
PC Tail P	.172 / 4.37
Tin Loc T	.160/ 4.06
Voided Ckts	NONE
Pack Per	PK-41671-001

Material No	Engineer Number
26-48-9026	A-41671-C02A228
41671-0047	A-41671-C03A228
41671-0048	A-41671-C04A228
26-48-9056	A-41671-C05A228
41671-0049	A-41671-C06A228
41671-0050	A-41671-C07A228
41671-0051	A-41671-C08A228
26-48-9096	A-41671-C09A228
26-48-9106	A-41671-C10A228
41671-0052	A-41671-C11A228
26-48-9126	A-41671-C12A228
41671-0053	A-41671-C13A228
41671-0054	A-41671-C14A228
41671-0055	A-41671-C15A228
41671-0056	A-41671-C16A228
41671-0057	A-41671-C17A228
41671-0058	A-41671-C18A228
41671-0059	A-41671-C19A228
41671-0060	A-41671-C20A228
41671-0061	A-41671-C21A228
41671-0062	A-41671-C22A228
41671-0063	A-41671-C23A228
26-48-9246	A-41671-C24A228

Group No:	A-41671-CND197
Pin No:	43294-0193
Plating:	197 TIN
Pin Length L	.700 / 17.78
Mating M	.447 / 11.35
Gold Loc G	NA
PC Tail P	.125 / 3.18
Tin Loc T	OVERALL
Voided Ckts	NONE
Pack Per	PK-41671-001

Material No	Engineer Number
26-48-9023	A-41671-C02D197
26-48-9033	A-41671-C03D197
26-48-9043	A-41671-C04D197
26-48-9053	A-41671-C05D197
26-48-9063	A-41671-C06D197
26-48-9073	A-41671-C07D197
26-48-9083	A-41671-C08D197
26-48-9093	A-41671-C09D197
26-48-9103	A-41671-C10D197
26-48-9113	A-41671-C11D197
26-48-9123	A-41671-C12D197
26-48-9133	A-41671-C13D197
26-48-9143	A-41671-C14D197
26-48-9153	A-41671-C15D197
26-48-9163	A-41671-C16D197
26-48-9173	A-41671-C17D197
26-48-9183	A-41671-C18D197
26-48-9193	A-41671-C19D197
26-48-9203	A-41671-C20D197
26-48-9213	A-41671-C21D197
26-48-9223	A-41671-C22D197
26-48-9233	A-41671-C23D197
26-48-9243	A-41671-C24D197

Group No:	A-41671-CNB197
Pin No:	43294-0240
Plating:	197 TIN
Pin Length L	.750 / 19.05
Mating M	.523 / 13.28
Gold Loc G	NA
PC Tail P	.099 / 2.51
Tin Loc T	OVERALL
Voided Ckts	NONE
Pack Per	PK-41671-001

Material No	Engineer Number
41671-0064	A-41671-C02B197
41671-0065	A-41671-C03B197
41671-0066	A-41671-C04B197
41671-0067	A-41671-C05B197
41671-0068	A-41671-C06B197
41671-0069	A-41671-C07B197
41671-0070	A-41671-C08B197
26-48-6095	A-41671-C09B197
41671-0071	A-41671-C10B197
41671-0072	A-41671-C11B197
41671-0073	A-41671-C12B197
41671-0074	A-41671-C13B197
41671-0075	A-41671-C14B197
41671-0076	A-41671-C15B197
41671-0077	A-41671-C16B197
41671-0078	A-41671-C17B197
41671-0079	A-41671-C18B197
41671-0080	A-41671-C19B197
41671-0081	A-41671-C20B197
41671-0082	A-41671-C21B197
41671-0083	A-41671-C22B197
41671-0084	A-41671-C23B197
26-48-6245	A-41671-C24B197

REV:	ECR/ECN INFORMATION:	TITLE:	SHEET No.
AK7	**EC. NO. UCP2016-1581** **DATE: 12/14/2015**	KK .156 HEADER ASSEMBLY FRICTION LOCK STRAIGHT 2-24 CKTS.	**- 3 -**

DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SD – 41671 - 001	**MKIPPER**	**JBELL**	**FSMITH**

	Group No:		A-41671-CNF197	Group No:		A-41671-CNB241	Group No:		A-41671-CNF241	Group No:		A-41671-CNN197
	Pin No:		43294-0283	Pin No:		43294-0241	Pin No:		43294-0284	Pin No:		43294-0500
	Plating:		197 TIN	Plating:		241 GOLD	Plating:		241 GOLD	Plating:		197 TIN
	Pin Length	L	.800 / 20.32	Pin Length	L	.750 / 19.05	Pin Length	L	.800 / 20.32	Pin Length	L	1.030 / 26.16
	Mating	M	.480 / 12.19	Mating	M	.523 / 13.28	Mating	M	.480 / 12.19	Mating	M	.448 / 11.38
	Gold Loc	G	NA	Gold Loc	G	.270/ 6.86	Gold Loc	G	.350/ 8.89	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	.160/ 4.06	Tin Loc	T	.200/ 5.08	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	26-48-4026	A-41671-C02F197	26-48-2027	A-41671-C02B241	41671-0250	A-41671-C02F241		A-41671-C02N197
3	26-48-4036	A-41671-C03F197	26-48-2037	A-41671-C03B241	41671-0350	A-41671-C03F241		A-41671-C03N197
4	26-48-4046	A-41671-C04F197	26-48-2047	A-41671-C04B241	41671-0450	A-41671-C04F241		A-41671-C04N197
5	26-48-4056	A-41671-C05F197	26-48-2057	A-41671-C05B241	41671-0550	A-41671-C05F241		A-41671-C05N197
6	26-48-4066	A-41671-C06F197	26-48-2067	A-41671-C06B241	41671-0650	A-41671-C06F241		A-41671-C06N197
7	26-48-4076	A-41671-C07F197	26-48-2077	A-41671-C07B241	41671-0750	A-41671-C07F241		A-41671-C07N197
8	26-48-4086	A-41671-C08F197	26-48-2087	A-41671-C08B241	41671-0850	A-41671-C08F241		A-41671-C08N197
9	26-48-4096	A-41671-C09F197	26-48-2097	A-41671-C09B241	41671-0950	A-41671-C09F241		A-41671-C09N197
10	26-48-4106	A-41671-C10F197	26-48-2107	A-41671-C10B241	41671-1050	A-41671-C10F241		A-41671-C10N197
11	26-48-4116	A-41671-C11F197	26-48-2117	A-41671-C11B241	41671-1150	A-41671-C11F241		A-41671-C11N197
12	26-48-4126	A-41671-C12F197	26-48-2127	A-41671-C12B241	41671-1250	A-41671-C12F241		A-41671-C12N197
13	26-48-4136	A-41671-C13F197	26-48-2137	A-41671-C13B241	41671-1350	A-41671-C13F241		A-41671-C13N197
14	26-48-4146	A-41671-C14F197	26-48-2147	A-41671-C14B241	41671-1450	A-41671-C14F241		A-41671-C14N197
15	26-48-4156	A-41671-C15F197	26-48-2157	A-41671-C15B241	41671-1550	A-41671-C15F241		A-41671-C15N197
16	26-48-4166	A-41671-C16F197	26-48-2167	A-41671-C16B241	41671-1650	A-41671-C16F241		A-41671-C16N197
17	26-48-4176	A-41671-C17F197	26-48-2177	A-41671-C17B241	41671-1750	A-41671-C17F241		A-41671-C17N197
18	26-48-4186	A-41671-C18F197	26-48-2187	A-41671-C18B241	41671-1850	A-41671-C18F241		A-41671-C18N197
19	26-48-4196	A-41671-C19F197	26-48-2197	A-41671-C19B241	41671-1950	A-41671-C19F241		A-41671-C19N197
20	26-48-4206	A-41671-C20F197	26-48-2207	A-41671-C20B241	41671-2050	A-41671-C20F241		A-41671-C20N197
21	26-48-4216	A-41671-C21F197	26-48-2217	A-41671-C21B241	41671-2150	A-41671-C21F241		A-41671-C21N197
22	26-48-4226	A-41671-C22F197	26-48-2227	A-41671-C22B241	41671-2250	A-41671-C22F241		A-41671-C22N197
23	26-48-4236	A-41671-C23F197	26-48-2237	A-41671-C23B241	41671-2350	A-41671-C23F241		A-41671-C23N197
24	26-48-4246	A-41671-C24F197	26-48-2247	A-41671-C24B241	41671-2450	A-41671-C24F241	26-48-8247	A-41671-C24N197

REV:	ECR/ECN INFORMATION:	TITLE:	SHEET No.
AK7	**EC. NO. UCP2016-1581** **DATE: 12/14/2015**	KK .156 HEADER ASSEMBLY FRICTION LOCK STRAIGHT 2-24 CKTS.	**- 4 -**

DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SD – 41671 - 001	**MKIPPER**	**JBELL**	**FSMITH**

Group No:		A-41671-CNP228
Pin No:		43294-0282
Plating:		228 30 GOLD
Pin Length	L	.800 / 20.32
Mating	M	.523 / 13.28
Gold Loc	G	.350 / 8.89
PC Tail	P	.149 / 3.78
Tin Loc	T	.200 / 5.08
Voided Ckts		NONE
Pack Per		PK-41671-001

Ckts	Material No	Engineer Number
2	41671-2451	A-41671-C02P228
3	41671-2452	A-41671-C03P228
4	41671-2453	A-41671-C04P228
5	41671-2454	A-41671-C05P228
6	41671-2455	A-41671-C06P228
7	41671-2456	A-41671-C07P228
8	41671-2457	A-41671-C08P228
9	41671-2458	A-41671-C09P228
10	41671-2459	A-41671-C10P228
11	41671-2460	A-41671-C11P228
12	41671-2461	A-41671-C12P228
13	41671-2462	A-41671-C13P228
14	41671-2463	A-41671-C14P228
15	41671-2464	A-41671-C15P228
16	41671-2465	A-41671-C16P228
17	41671-2466	A-41671-C17P228
18	41671-2467	A-41671-C18P228
19	41671-2468	A-41671-C19P228
20	41671-2469	A-41671-C20P228
21	41671-2470	A-41671-C21P228
22	41671-2471	A-41671-C22P228
23	41671-2472	A-41671-C23P228
24	41671-2473	A-41671-C24P228

Group No:		A-41671-CNR208
Pin No:		43294-0344
Plating:		208 15 GOLD
Pin Length	L	.870 / 22.10
Mating	M	.450 / 11.43
Gold Loc	G	.400 / 10.16
PC Tail	P	.292 / 7.42
Tin Loc	T	.200 / 5.08
Voided Ckts		NONE
Pack Per		PK-41671-001

Material No	Engineer Number
41671-2474	A-41671-C02R208
41671-2475	A-41671-C03R208
41671-2476	A-41671-C04R208
41671-2477	A-41671-C05R208
41671-2478	A-41671-C06R208
41671-2479	A-41671-C07R208
41671-2480	A-41671-C08R208
41671-2481	A-41671-C09R208
41671-2482	A-41671-C10R208
41671-2483	A-41671-C11R208
41671-2484	A-41671-C12R208
41671-2485	A-41671-C13R208
41671-2486	A-41671-C14R208
41671-2487	A-41671-C15R208
41671-2488	A-41671-C16R208
41671-2489	A-41671-C17R208
41671-2490	A-41671-C18R208
41671-2491	A-41671-C19R208
41671-2492	A-41671-C20R208
41671-2493	A-41671-C21R208
41671-2494	A-41671-C22R208
41671-2495	A-41671-C23R208
41671-2496	A-41671-C24R208

Group No:		A-41671-CNT197
Pin No:		43294-0572
Plating:		197 TIN
Pin Length	L	1.100 / 27.94
Mating	M	.486 / 12.34
Gold Loc	G	NA
PC Tail	P	.486 / 12.34
Tin Loc	T	OVERALL
Voided Ckts		NONE
Pack Per		PK-41671-001

Material No	Engineer Number
41671-3400	A-41671-C02T197
41671-3401	A-41671-C03T197
41671-3402	A-41671-C04T197
41671-3403	A-41671-C05T197
41671-3404	A-41671-C06T197
41671-3405	A-41671-C07T197
41671-3406	A-41671-C08T197
41671-3407	A-41671-C09T197
41671-3408	A-41671-C10T197
41671-3409	A-41671-C11T197
41671-3410	A-41671-C12T197
41671-3411	A-41671-C13T197
41671-3412	A-41671-C14T197
41671-3413	A-41671-C15T197
41671-3414	A-41671-C16T197
41671-3415	A-41671-C17T197
41671-3416	A-41671-C18T197
41671-3417	A-41671-C19T197
41671-3418	A-41671-C20T197
41671-3419	A-41671-C21T197
41671-3420	A-41671-C22T197
41671-3421	A-41671-C23T197
41671-3422	A-41671-C24T197

Group No:		A-41671-CNA197
Pin No:		43294-0240
Plating:		197 TIN
Pin Length	L	.750 / 19.05
Mating	M	.450 / 11.43
Gold Loc	G	NA
PC Tail	P	.172 / 4.37
Tin Loc	T	OVERALL
Voided Ckts		NONE
Pack Per		PK-41671-001

Material No	Engineer Number
41671-3423	A-41671-C02A197
41671-3424	A-41671-C03A197
41671-3425	A-41671-C04A197
41671-3426	A-41671-C05A197
41671-3427	A-41671-C06A197
41671-3428	A-41671-C07A197
41671-3429	A-41671-C08A197
41671-3430	A-41671-C09A197
41671-3431	A-41671-C10A197
41671-3432	A-41671-C11A197
41671-3433	A-41671-C12A197
41671-3434	A-41671-C13A197
41671-3435	A-41671-C14A197
41671-3436	A-41671-C15A197
41671-3437	A-41671-C16A197
41671-3438	A-41671-C17A197
41671-3439	A-41671-C18A197
41671-3440	A-41671-C19A197
41671-3441	A-41671-C20A197
41671-3442	A-41671-C21A197
41671-3443	A-41671-C22A197
41671-3444	A-41671-C23A197
41671-3445	A-41671-C24A197

REV:	ECR/ECN INFORMATION:	TITLE:	SHEET No.
AK7	**EC. NO. UCP2016-1581** **DATE: 12/14/2015**	KK .156 HEADER ASSEMBLY FRICTION LOCK STRAIGHT 2-24 CKTS.	**- 5 -**

DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SD – 41671 - 001	**MKIPPER**	**JBELL**	**FSMITH**

Group No:	A-41671-CNA197-*	
Pin No:	SAME AS GROUP NO. A-41671-CNA197 ON SHEET 2	
Plating:		
Pin Length L		
Mating M		
Gold Loc G		
PC Tail P		
Tin Loc T		
Voided Ckts	SEE CHART BELOW	
Pack Per		
Material No	Engineer Number	Void Ckts
26-50-3030	A-41671-C03A197-2	2
26-50-3040	A-41671-C04A197-2	2
26-50-3050	A-41671-C05A197-2	2
26-50-3060	A-41671-C06A197-2	2
26-50-3070	A-41671-C07A197-2	2
26-50-3080	A-41671-C08A197-2	2
26-50-3090	A-41671-C09A197-2	2
26-50-3100	A-41671-C10A197-2	2
26-50-3110	A-41671-C11A197-2	2
26-50-3120	A-41671-C12A197-2	2
26-50-3130	A-41671-C13A197-2	2
26-50-3140	A-41671-C14A197-2	2
26-50-3150	A-41671-C15A197-2	2
26-50-3160	A-41671-C16A197-2	2
26-50-3170	A-41671-C17A197-2	2
26-50-3180	A-41671-C18A197-2	2
26-50-3190	A-41671-C19A197-2	2
26-50-3200	A-41671-C20A197-2	2
26-50-3210	A-41671-C21A197-2	2
26-50-3220	A-41671-C22A197-2	2
26-50-3230	A-41671-C23A197-2	2
A-41671-CNA197 WITH VOIDS		

Group No:	A-41671-CNA197-* CONT'D	
Pin No:	SAME AS GROUP NO. A-41671-CNA197 ON SHEET 2	
Plating:		
Pin Length L		
Mating M		
Gold Loc G		
PC Tail P		
Tin Loc T		
Voided Ckts	SEE CHART BELOW	
Pack Per		
Material No	Engineer Number	Void Ckts
26-50-3073	A-41671-C07A197-3	3
26-50-5080	A-41671-C08A197-51	2,4
26-50-3063	A-41671-C06A197-3	3
26-50-3071	A-41671-C07A197-52	2,4,6
26-50-3051	A-41671-C05A197-51	2,4
26-50-3062	A-41671-C06A197-4	4
26-50-3068	A-41671-C06A197-6	6
26-50-3111	A-41671-C11A197-51	5,10
26-50-3065	A-41671-C06A197-5	5
26-50-3054	A-41671-C05A197-4	4
26-50-3154	A-41671-C15A197-4	4
26-50-3145	A-41671-C14A197-55	2,4,8,12
26-50-3155	A-41671-C15A197-54	3,10,13
26-50-3066	A-41671-C6A197-54	2,4
26-50-3108	A-41671-C10A197-53	3,10
26-50-3103	A-41671-C10A197-7	7
26-50-3087	A-41671-C8A197-52	5,7
26-50-5081	A-41671-C08A197-6	6
26-50-3132	A-41671-C13A197-5	5
26-50-3165	A-41671-C16A197-52	2,15
41671-0085	A-41671-C10A197-56	5,8
A-41671-CNA197 WITH VOIDS		

Group No:	A-41671-CNA197-* CONT'D	
Pin No:	SAME AS GROUP NO. A-41671-CNA197 ON SHEET 2	
Plating:		
Pin Length L		
Mating M		
Gold Loc G		
PC Tail P		
Tin Loc T		
Voided Ckts	SEE CHART BELOW	
Pack Per		
Material No	Engineer Number	Void Ckts
26-50-3202	A-41671-C20A197-51	2,4,6,8 10,12,14,16
26-50-3167	A-41671-C16A197-53	2,4,6,8
26-50-3152	A-41671-C15A197-52	4,6,8,10,12,14
26-50-3126	A-41671-C12A197-53	2,3,5,6,8,10
26-50-3240	A-41671-C24A197-2	2
26-50-5090	A-41671-C10A197-55	2,5
41671-3100	A-41671-C05A197-3	3
41671-3112	A-41671-C14A197-12	12
41671-3113	A-41671-C14A197-51	11, 12
41671-3446	A-41671-C06A197-55	1, 3, 5
41671-3470	A-41671-C16A197-15	15
41671-3471	A-41671-C18A197-16	16
41671-3474	A-41671-C04A197-3	3
A-41671-CNA197 WITH VOIDS		

REV:	ECR/ECN INFORMATION:	TITLE:	SHEET No.
AK7	**EC. NO. UCP2016-1581** **DATE: 12/14/2015**	KK .156 HEADER ASSEMBLY FRICTION LOCK STRAIGHT 2-24 CKTS.	**- 6 -**

DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SD – 41671 - 001	**MKIPPER**	**JBELL**	**FSMITH**

Group No:	A-41671-CNA228-*	
Pin No:	SAME AS GROUP NO. A-41671-CNA228 ON SHEET 3	
Plating:		
Pin Length L		
Mating M		
Gold Loc G		
PC Tail P		
Tin Loc T		
Voided Ckts	SEE CHART BELOW	
Pack Per		
Material No	Engineer Number	Void Ckts
26-49-7054	A-41671-C5A228-2	2
41671-3473	A-41671-C3A228-2	2

A-41671-CNA228 W/VOIDS

Group No:	A-41671-CND197-*	
Pin No:	SAME AS GROUP NO. A-41671-CND197 ON SHEET 3	
Plating:		
Pin Length L		
Mating M		
Gold Loc G		
PC Tail P		
Tin Loc T		
Voided Ckts	SEE CHART BELOW	
Pack Per		
Material No	Engineer Number	Void Ckts
26-49-6110	A-41671-C11D197-8	8
41671-3469	A-41671-C05D197-51	2, 4
41671-3472	A-41671-C03D197-2	2

A-41671-CND197 W/VOIDS

Group No:	A-41671-CNB197-*	
Pin No:	43294-0240	
Plating:	197 TIN	
Pin Length L	.750 / 19.05	
Mating M	**.517 +/- .020** **13.13 +/- 0.51**	
Gold Loc G	NA	
PC Tail P	**.105 +/- .020** **2.67 +/- 0.51**	
Tin Loc T	OVERALL	
Voided Ckts	SEE CHART BELOW	
Pack Per	PK-41671-001	
Material No	Engineer Number	Void Ckts
50-36-1877	A-41671-C16B197-51	2,5,7,9,10,11 13,14

REV:	ECR/ECN INFORMATION:	TITLE:	SHEET No.
AK7	**EC. NO. UCP2016-1581** **DATE: 12/14/2015**	KK .156 HEADER ASSEMBLY FRICTION LOCK STRAIGHT 2-24 CKTS.	**- 7 -**

DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SD – 41671 - 001	**MKIPPER**	**JBELL**	**FSMITH**

Group No:		A-41671-CNA222
Pin No:		43294-0238
Plating:		222 Tin
Pin Length L		.750/19.05
Mating M		.450/11.43
Gold Loc G		N/A
PC Tail P		.172/4.37
Tin Loc T		OVERALL
Voided Ckts		NONE
Pack Per		PK-41671-001
Ckts	Material No	Engineer Number
5	50-36-2287	A-41671-C05A222

REV:	ECR/ECN INFORMATION:	TITLE:	SHEET No.
AK7	**EC. NO. UCP2016-1581** **DATE: 12/14/2015**	KK .156 HEADER ASSEMBLY FRICTION LOCK STRAIGHT 2-24 CKTS.	**- 8 -**

DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
SD – 41671 - 001	**MKIPPER**	**JBELL**	**FSMITH**