

6

5

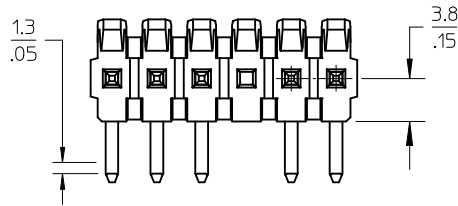
4

3

2

1

CENTERLINE OF PIN IN AREA SHOWN NOT TO VARY FROM CENTERLINE OF PIN AT -D- BY MORE THAN 0.13/.005 IN ANY DIRECTION.



A-41672- * N * *-*

OPTION - PACKING
A= 2161 PIN- BULK PACK
B= 43294 PIN- BULK PACK

NO OF CKTS

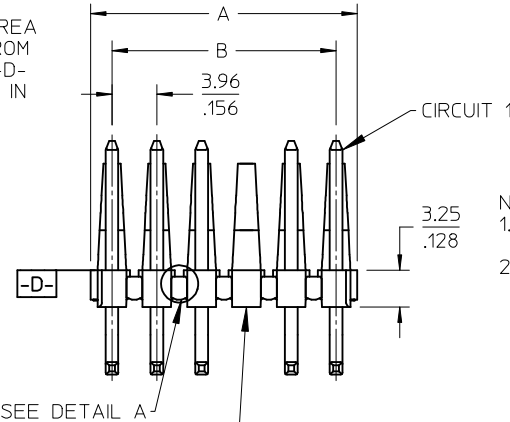
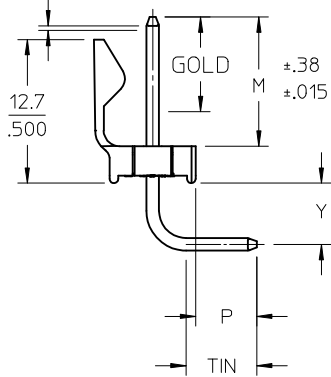
DIM M,L,P

PLATING

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

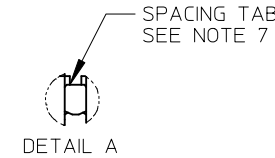
CIRCUIT	A	B
2	6.78/7.87 .267/.310	3.96 .156
3	10.74/11.84 .423/.466	7.92 .312
4	14.71/15.80 .579/.622	11.89 .468
5	18.67/19.76 .735/.778	15.85 .624
6	22.63/23.72 .891/.934	19.81 .780
7	26.59/27.69 1.047/1.090	23.77 .936
8	30.56/31.65 1.203/1.246	27.74 1.092
9	34.52/35.61 1.359/1.402	31.70 1.248
10	38.48/39.57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

CENTERLINE OF PIN IN AREA SHOWN NOT TO VARY FROM CENTERLINE OF PIN AT -D- BY MORE THAN 0.20/.008 IN ANY DIRECTION.



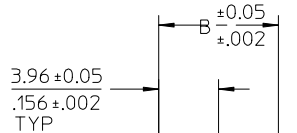
SEE DETAIL A

OPTIONAL VOIDED CKT.
SEE CHART FOR LOCATIONS



NOTES:

- MATERIAL: HEADER: POLYESTER, 94V-0, MOLDED BLACK
PIN: BRASS
- FINISH:
(102) OVERALL TIN: 0.00508/.000200 MIN OVER
0.00254/.000100 MIN COPPER.
(154) OVERALL TIN: 0.00254/.000100 MIN OVER
0.00127/.000050 MIN NICKEL.
(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 OVER
0.00076/.000030 MIN NICKEL.
(503) OVERALL GOLD: 0.00076/.000030 MIN OVER
0.00127/.000050 MIN NICKEL.
*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-08-50.
- PACKAGING INFORMATION: SEE TABLES
- SOLDERABILITY: PER SMES-152.
- PIN PUSH-OUT FORCE: PRIOR TO SOLDERING, A 3 LB. MINIMUM
FORCE IN EITHER DIRECTION SHALL BE REQUIRED TO PUSH THE
PIN OUT OF THE HEADER.
- PARTS ARE STACKABLE END TO END ON 3.96/.156 CENTERS.(SPACING
TABS MUST BE REMOVED ON CIRCUIT SIZES 1-23 BEFORE PARTS
ARE STACKABLE.
- PARTS WILL CONFORM TO CLASS B REQUIREMENTS OF COSMETIC
SPECIFICATION PS-45499-002.



1.70
.067 DIA.
TYP
PCB LAYOUT:COMPONENT SIDE
RECOMMENDED PCB THICKNESS:
1.57±.18)/.062±.007

2-*	AB4
1	AB4
SHEET	REV

ADD 41672-0228 EC NO: UCP2009-2938 DRWN:MKIPPER 2009/06/12 CHK'D:SSOUSEK 2009/06/15 APPR:FSMTH 2009/06/15	DESCRIPTION	QUALITY SYMBOLS
		 =0  =0
AB4	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	12-5-03
CHECKED BY	DATE
KSAMIEC	12-12-03
APPROVED BY	DATE
MARGULIS	12-16-03
MATERIAL NO.	
SEE CHART	
SIZE	THIS DRAWING CONTAINS INCORPORATED AND
A	

SCALE 2:1		DESIGN UNITS INCH		 THIRD ANGLE PROJECTION
TITLE KK .156 HEADER ASSEMBLY FRICTION LOCK BREAKAWAY RIGHT ANGLE				
MOLEX MOLEX INCORPORATED				
DOCUMENT NO. SD-41672-001			SHEET NO. 1 OF *	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

	<table border="1"> <tr><td>Header No:</td><td>41186-A-AN</td></tr> <tr><td>Pin No:</td><td>2161-37(102)</td></tr> <tr><td>Pin Length L</td><td>1.100 / 27.90</td></tr> <tr><td>Mating M</td><td>.450 / 11.43</td></tr> <tr><td>Gold:</td><td>NA</td></tr> <tr><td>Bend Height: Y</td><td>.213 / 5.41</td></tr> <tr><td>PC Tail P</td><td>.212 / 5.38</td></tr> <tr><td>Tin:</td><td>OVERALL</td></tr> <tr><td>Pack Per</td><td>PK-41672-001</td></tr> </table>	Header No:	41186-A-AN	Pin No:	2161-37(102)	Pin Length L	1.100 / 27.90	Mating M	.450 / 11.43	Gold:	NA	Bend Height: Y	.213 / 5.41	PC Tail P	.212 / 5.38	Tin:	OVERALL	Pack Per	PK-41672-001	<table border="1"> <tr><td>Header No:</td><td>41186-A-AN</td></tr> <tr><td>Pin No:</td><td>43294-0569</td></tr> <tr><td>Pin Length L</td><td>1.100 / 27.90</td></tr> <tr><td>Mating M</td><td>.450 / 11.43</td></tr> <tr><td>Gold:</td><td>.270 / 6.86</td></tr> <tr><td>Bend Height: Y</td><td>.213 / 5.41</td></tr> <tr><td>PC Tail P</td><td>.212 / 5.38</td></tr> <tr><td>Tin:</td><td>.200 / 5.08</td></tr> <tr><td>Pack Per</td><td>PK-41672-001</td></tr> </table>	Header No:	41186-A-AN	Pin No:	43294-0569	Pin Length L	1.100 / 27.90	Mating M	.450 / 11.43	Gold:	.270 / 6.86	Bend Height: Y	.213 / 5.41	PC Tail P	.212 / 5.38	Tin:	.200 / 5.08	Pack Per	PK-41672-001	<table border="1"> <tr><td>Header No:</td><td>41186-A-AN</td></tr> <tr><td>Pin No:</td><td>43294-0570</td></tr> <tr><td>Pin Length L</td><td>1.100 / 27.90</td></tr> <tr><td>Mating M</td><td>.450 / 11.43</td></tr> <tr><td>Gold:</td><td>.270 / 6.86</td></tr> <tr><td>Bend Height: Y</td><td>.213 / 5.41</td></tr> <tr><td>PC Tail P</td><td>.212 / 5.38</td></tr> <tr><td>Tin:</td><td>.200 / 5.08</td></tr> <tr><td>Pack Per</td><td>PK-41672-001</td></tr> </table>	Header No:	41186-A-AN	Pin No:	43294-0570	Pin Length L	1.100 / 27.90	Mating M	.450 / 11.43	Gold:	.270 / 6.86	Bend Height: Y	.213 / 5.41	PC Tail P	.212 / 5.38	Tin:	.200 / 5.08	Pack Per	PK-41672-001	<table border="1"> <tr><td>Header No:</td><td>41186-A-AN</td></tr> <tr><td>Pin No:</td><td>2161-37(501)</td></tr> <tr><td>Pin Length L</td><td>1.100 / 27.90</td></tr> <tr><td>Mating M</td><td>.450 / 11.43</td></tr> <tr><td>Gold:</td><td>OVERALL</td></tr> <tr><td>Bend Height: Y</td><td>.213 / 5.41</td></tr> <tr><td>PC Tail P</td><td>.212 / 5.38</td></tr> <tr><td>Tin:</td><td>NA</td></tr> <tr><td>Pack Per</td><td>PK-41672-001</td></tr> </table>	Header No:	41186-A-AN	Pin No:	2161-37(501)	Pin Length L	1.100 / 27.90	Mating M	.450 / 11.43	Gold:	OVERALL	Bend Height: Y	.213 / 5.41	PC Tail P	.212 / 5.38	Tin:	NA	Pack Per	PK-41672-001																																																																																																																								
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A-41672-A18A102</td></tr> <tr><td>19</td><td>026481196 A-41672-A19A102</td></tr> <tr><td>20</td><td>026481206 A-41672-A20A102</td></tr> <tr><td>21</td><td>026481216 A-41672-A21A102</td></tr> <tr><td>22</td><td>026481226 A-41672-A22A102</td></tr> <tr><td>23</td><td>026481236 A-41672-A23A102</td></tr> <tr><td>24</td><td>026481246 A-41672-A24A102</td></tr> </table>	Material No	Engineer Number	2	026481026 A-41672-A02A102	3	026481036 A-41672-A03A102	4	026481046 A-41672-A04A102	5	026481056 A-41672-A05A102	6	026481066 A-41672-A06A102	7	026481076 A-41672-A07A102	8	026481086 A-41672-A08A102	9	026481096 A-41672-A09A102	10	026481106 A-41672-A10A102	11	026481116 A-41672-A11A102	12	026481126 A-41672-A12A102	13	026481136 A-41672-A13A102	14	026481146 A-41672-A14A102	15	026481156 A-41672-A15A102	16	026481166 A-41672-A16A102	17	026481176 A-41672-A17A102	18	026481186 A-41672-A18A102	19	026481196 A-41672-A19A102	20	026481206 A-41672-A20A102	21	026481216 A-41672-A21A102	22	026481226 A-41672-A22A102	23	026481236 A-41672-A23A102	24	026481246 A-41672-A24A102	<table border="1"> <tr><td>Material No</td><td>Engineer Number</td></tr> <tr><td>41672-0001</td><td>A-41672-B02A208</td></tr> <tr><td>41672-0002</td><td>A-41672-B03A208</td></tr> <tr><td>41672-0003</td><td>A-41672-B04A208</td></tr> <tr><td>41672-0004</td><td>A-41672-B05A208</td></tr> <tr><td>41672-0005</td><td>A-41672-B06A208</td></tr> <tr><td>41672-0006</td><td>A-41672-B07A208</td></tr> <tr><td>41672-0007</td><td>A-41672-B08A208</td></tr> <tr><td>41672-0008</td><td>A-41672-B09A208</td></tr> <tr><td>41672-0009</td><td>A-41672-B10A208</td></tr> <tr><td>41672-0010</td><td>A-41672-B11A208</td></tr> <tr><td>41672-0011</td><td>A-41672-B12A208</td></tr> <tr><td>41672-0012</td><td>A-41672-B13A208</td></tr> <tr><td>41672-0013</td><td>A-41672-B14A208</td></tr> <tr><td>41672-0014</td><td>A-41672-B15A208</td></tr> <tr><td>41672-0015</td><td>A-41672-B16A208</td></tr> <tr><td>41672-0016</td><td>A-41672-B17A208</td></tr> 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<tr><td>41672-0029</td><td>A-41672-B07A228</td></tr> <tr><td>41672-0030</td><td>A-41672-B08A228</td></tr> <tr><td>41672-0031</td><td>A-41672-B09A228</td></tr> <tr><td>41672-0032</td><td>A-41672-B10A228</td></tr> <tr><td>41672-0033</td><td>A-41672-B11A228</td></tr> <tr><td>41672-0034</td><td>A-41672-B12A228</td></tr> <tr><td>41672-0035</td><td>A-41672-B13A228</td></tr> <tr><td>41672-0036</td><td>A-41672-B14A228</td></tr> <tr><td>41672-0037</td><td>A-41672-B15A228</td></tr> <tr><td>41672-0038</td><td>A-41672-B16A228</td></tr> <tr><td>41672-0039</td><td>A-41672-B17A228</td></tr> <tr><td>41672-0040</td><td>A-41672-B18A228</td></tr> <tr><td>41672-0041</td><td>A-41672-B19A228</td></tr> <tr><td>41672-0042</td><td>A-41672-B20A228</td></tr> <tr><td>41672-0043</td><td>A-41672-B21A228</td></tr> <tr><td>41672-0044</td><td>A-41672-B22A228</td></tr> <tr><td>41672-0045</td><td>A-41672-B23A228</td></tr> <tr><td>41672-0046</td><td>A-41672-B24A228</td></tr> </table>	Material No	Engineer 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REV: AB4	ECR/ECN INFORMATION: EC No.: UCP2009-2938 DATE: 6/15/2009	TITLE: KK 156 HEADER ASSEMBLY FRICTION LOCK BREAKAWAY RIGHT ANGLE		SHEET No. - 2 -																																																																																																																																																																																																
DOCUMENT NUMBER: SD- 41672 -001		CREATED / REVISED BY: MKIPPER	CHECKED BY: SSOUSEK	APPROVED BY: FSMITH																																																																																																																																																																																																
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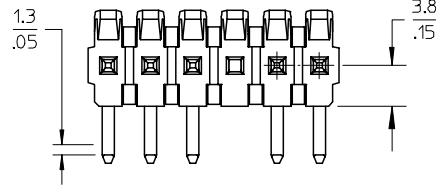
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	Mating M	.523 / 13.28	Mating M		Mating M	.450 / 11.43	Mating M	.523 / 13.28
	Gold:	NA	Gold:		Gold:	OVERALL	Gold:	NA
	Bend Height: Y	.213 / 5.41	Bend Height: Y		Bend Height: Y	.213 / 5.41	Bend Height: Y	.217 / 5.51
	PC Tail P	.136 / 3.45	PC Tail P		PC Tail P	.212 / 5.38	PC Tail P	.207 / 5.26
	Tin:	OVERALL	Tin:		Tin:	NA	Tin:	OVERALL
	Pack Per	PK-41672-001	Pack Per		Pack Per	PK-41672-001	Pack Per	PK-41672-001
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4	026582041	A-41672-A04C102			41672-0090	A-41672-A04A503	026486044	A-41672-A04B102
5	41672-0051	A-41672-A05C102			41672-0091	A-41672-A05A503	026486054	A-41672-A05B102
6	41672-0052	A-41672-A06C102			41672-0092	A-41672-A06A503	026486064	A-41672-A06B102
7	41672-0053	A-41672-A07C102			41672-0093	A-41672-A07A503	026486074	A-41672-A07B102
8	026582081	A-41672-A08C102			41672-0094	A-41672-A08A503	026486084	A-41672-A08B102
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24	026582241	A-41672-A24C102			41672-0107	A-41672-A24A503	026486244	A-41672-A24B102

REV: AB4	<u>ECR/ECN INFORMATION:</u> 	<u>TITLE:</u> KK 156 HEADER ASSEMBLY FRICION LOCK BREAKAWAY RIGHT ANGLE			<u>SHEET No.</u>
	<u>EC No.:</u> UCP2009-2938				- 3 -
	<u>DATE:</u> 6/15/2009				
<u>DOCUMENT NUMBER:</u> SD- 41672 -001		<u>CREATED / REVISED BY:</u> MKIPPER	<u>CHECKED BY:</u> SSOUSEK	<u>APPROVED BY:</u> FSMITH	

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	PC Tail P	.592 / 15.04	PC Tail P	.136 / 3.45	PC Tail P	.125+-.015	PC Tail P	.130 / 3.30
	Tin:	NA	Tin:	NA	Tin:	OVERALL	Tin:	OVERALL
	Pack Per	PK-41672-001	Pack Per	PK-41672-001	Pack Per	PK-41672-001	Pack Per	PK-41672-001
Ckts	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number
2	41672-0109	A-41672-A02D501	026586020	A-41672-A02C501	026482029	A-41672-A02E102	41672-0151	A-41672-A02F102
3	41672-0110	A-41672-A03D501	026586030	A-41672-A03C501	026482039	A-41672-A03E102	41672-0152	A-41672-A03F102
4	41672-0111	A-41672-A04D501	41672-0131	A-41672-A04C501	026482049	A-41672-A04E102	41672-0153	A-41672-A04F102
5	41672-0112	A-41672-A05D501	41672-0132	A-41672-A05C501	026482059	A-41672-A05E102	41672-0154	A-41672-A05F102
6	41672-0113	A-41672-A06D501	41672-0133	A-41672-A06C501	026482069	A-41672-A06E102	41672-0155	A-41672-A06F102
7	41672-0114	A-41672-A07D501	41672-0134	A-41672-A07C501	026482079	A-41672-A07E102	41672-0156	A-41672-A07F102
8	41672-0115	A-41672-A08D501	026586080	A-41672-A08C501	026482089	A-41672-A08E102	41672-0157	A-41672-A08F102
9	41672-0116	A-41672-A09D501	41672-0135	A-41672-A09C501	026482099	A-41672-A09E102	41672-0158	A-41672-A09F102
10	41672-0117	A-41672-A10D501	41672-0136	A-41672-A10C501	026482109	A-41672-A10E102	41672-0159	A-41672-A10F102
11	41672-0118	A-41672-A11D501	41672-0137	A-41672-A11C501	026482119	A-41672-A11E102	41672-0160	A-41672-A11F102
12	41672-0119	A-41672-A12D501	41672-0138	A-41672-A12C501	026482129	A-41672-A12E102	41672-0161	A-41672-A12F102
13	41672-0120	A-41672-A13D501	41672-0139	A-41672-A13C501	026482139	A-41672-A13E102	41672-0162	A-41672-A13F102
14	41672-0121	A-41672-A14D501	41672-0140	A-41672-A14C501	026482149	A-41672-A14E102	41672-0163	A-41672-A14F102
15	41672-0122	A-41672-A15D501	41672-0141	A-41672-A15C501	026482159	A-41672-A15E102	41672-0164	A-41672-A15F102
16	41672-0123	A-41672-A16D501	41672-0142	A-41672-A16C501	026482169	A-41672-A16E102	41672-0165	A-41672-A16F102
17	41672-0124	A-41672-A17D501	41672-0143	A-41672-A17C501	026482179	A-41672-A17E102	41672-0166	A-41672-A17F102
18	41672-0125	A-41672-A18D501	41672-0144	A-41672-A18C501	026482189	A-41672-A18E102	41672-0167	A-41672-A18F102
19	41672-0126	A-41672-A19D501	41672-0145	A-41672-A19C501	026482199	A-41672-A19E102	41672-0168	A-41672-A19F102
20	41672-0127	A-41672-A20D501	41672-0146	A-41672-A20C501	026482209	A-41672-A20E102	41672-0169	A-41672-A20F102
21	41672-0128	A-41672-A21D501	41672-0147	A-41672-A21C501	026482219	A-41672-A21E102	41672-0170	A-41672-A21F102
22	41672-0129	A-41672-A22D501	41672-0148	A-41672-A22C501	026482229	A-41672-A22E102	41672-0171	A-41672-A22F102
23	41672-0130	A-41672-A23D501	41672-0149	A-41672-A23C501	026482239	A-41672-A23E102	41672-0172	A-41672-A23F102
24	026586242	A-41672-A24D501	41672-0150	A-41672-A24C501	026482249	A-41672-A24E102	41672-0173	A-41672-A24F102

REV: AB4	<u>ECR/ECN INFORMATION:</u> EC No.: UCP2009-2938 DATE: 6/15/2009	<u>TITLE:</u> KK 156 HEADER ASSEMBLY FRICION LOCK BREAKAWAY RIGHT ANGLE			<u>SHEET No.</u> - 4 -
	<u>DOCUMENT NUMBER:</u> SD- 41672 -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				

CENTERLINE OF PIN IN AREA SHOWN NOT TO VARY FROM CENTERLINE OF PIN AT -D- BY MORE THAN 0.13/.005 IN ANY DIRECTION.



A-41681- * N * *-*

OPTION - PACKING
A=BRASS - BULK PACK
B=BRASS - TUBE PACK

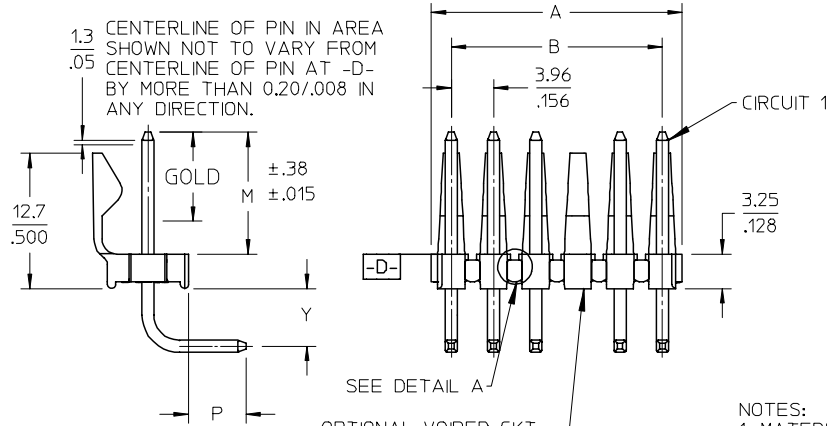
NO OF CKTS
DIM M.L.P
PLATING

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

SPACING TAB
SEE NOTE 7

DETAIL A

CENTERLINE OF PIN IN AREA SHOWN NOT TO VARY FROM CENTERLINE OF PIN AT -D- BY MORE THAN 0.20/.008 IN ANY DIRECTION.



OPTIONAL VOIDED CKT.
SEE CHART FOR LOCATIONS

NOTES:

1. MATERIAL: HEADER: POLYESTER, 94V-0, MOLDED BLACK
2. FINISH:

(228) SELECT GOLD: 0.00076/.000030 MIN.

*SELECT TIN: 0.00254/.000100 MIN.

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.

3. PRODUCT SPECIFICATION: PS-08-50.

4. PACKAGING INFORMATION: SEE CHARTS

5. SOLDERABILITY: PER SMES-152.

6. PIN PUSH-OUT FORCE: PRIOR TO SOLDERING, A 3 LB. MINIMUM FORCE IN EITHER DIRECTION SHALL BE REQUIRED TO PUSH THE PIN OUT OF THE HEADER.

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.

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

1.70
.067
DIA.
TYP

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

ADD DIMENSION	EC NO: UCP2006-2296	2006/04/27	2006/04/28	2006/04/28
DRWN:PRIDDER	CHKD:ADERR	APPR:FSMITH		
REV				

QUALITY SYMBOLS
▽=0
▽=0

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	12-5-03
CHECKED BY	DATE
KSAMIEC	12-12-03
APPROVED BY	DATE
MARGULIS	12-16-03
MATERIAL NO.	
SEE CHART	
SIZE	
A	

SCALE 2:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION
TITLE KK .156 HEADER ASSEMBLY FRICTION LOCK BREAKAWAY RIGHT ANGLE (LEAD-FREE)		
 MOLEX INCORPORATED		
DOCUMENT NO. SD-41672-002		SHEET NO. 1 OF *
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

	<table border="1"> <tr><td>Header No:</td><td>41186-A-AN</td></tr> <tr><td>Pin No:</td><td>43294-0570</td></tr> <tr><td>Pin Length L</td><td>1.100 / 27.90</td></tr> <tr><td>Mating M</td><td>.450 / 11.43</td></tr> <tr><td>Gold:</td><td>.270 / 6.86</td></tr> <tr><td>Bend Height: Y</td><td>.213 / 5.41</td></tr> <tr><td>PC Tail P</td><td>.212 / 5.38</td></tr> <tr><td>Tin:</td><td>.200 / 5.08</td></tr> <tr><td>Pack Per</td><td>PK-41672-001</td></tr> </table>	Header No:	41186-A-AN	Pin No:	43294-0570	Pin Length L	1.100 / 27.90	Mating M	.450 / 11.43	Gold:	.270 / 6.86	Bend Height: Y	.213 / 5.41	PC Tail P	.212 / 5.38	Tin:	.200 / 5.08	Pack Per	PK-41672-001	<table border="1"> <tr><td>Header No:</td><td></td></tr> <tr><td>Pin No:</td><td></td></tr> <tr><td>Pin Length L</td><td></td></tr> <tr><td>Mating M</td><td></td></tr> <tr><td>Gold:</td><td></td></tr> <tr><td>Bend Height: Y</td><td></td></tr> <tr><td>PC Tail P</td><td></td></tr> <tr><td>Tin:</td><td></td></tr> <tr><td>Pack Per</td><td></td></tr> </table>	Header No:		Pin No:		Pin Length L		Mating M		Gold:		Bend Height: Y		PC Tail P		Tin:		Pack Per		<table border="1"> <tr><td>Header No:</td><td></td></tr> <tr><td>Pin No:</td><td></td></tr> <tr><td>Pin Length L</td><td></td></tr> <tr><td>Mating M</td><td></td></tr> <tr><td>Gold:</td><td></td></tr> <tr><td>Bend Height: Y</td><td></td></tr> <tr><td>PC Tail P</td><td></td></tr> <tr><td>Tin:</td><td></td></tr> <tr><td>Pack Per</td><td></td></tr> </table>	Header No:		Pin No:		Pin Length L		Mating M		Gold:		Bend Height: Y		PC Tail P		Tin:		Pack Per		<table border="1"> <tr><td>Header No:</td><td></td></tr> <tr><td>Pin No:</td><td></td></tr> <tr><td>Pin Length L</td><td></td></tr> <tr><td>Mating M</td><td></td></tr> <tr><td>Gold:</td><td></td></tr> <tr><td>Bend Height: Y</td><td></td></tr> <tr><td>PC Tail P</td><td></td></tr> <tr><td>Tin:</td><td></td></tr> <tr><td>Pack Per</td><td></td></tr> </table>	Header No:		Pin No:		Pin Length L		Mating M		Gold:		Bend Height: Y		PC Tail P		Tin:		Pack Per	
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REV: A1	ECR/ECN INFORMATION:	TITLE: KK 156 HEADER ASSEMBLY FRICTION LOCK BREAKAWAY RIGHT ANGLE (LEAD-FREE)	SHEET No. - 2 -	
	EC No.: UCP2006-1776			
	DATE: 4/11/2006			
DOCUMENT NUMBER: SD- 41672 -002		CREATED / REVISED BY: ADERR	CHECKED BY: SSOUSEK	APPROVED BY: FSMITH