



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

2-*	AK7
1	AK7
SHT	REV

ADD 41671-3474	2015/10/12	QUALITY SYMBOLS
EC NO: UCP2016-1581	2015/10/12	▽=0
DRWN:MKLIPPER	2015/10/12	▽=0
CH'KD:JBELL	2015/12/10	▽=0
APPR:FSM/TH		
DESCRIPTION		
REV		
AK7		

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	
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	

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
1.5:1	INCH		
TITLE			
KK 156 HEADER ASSEMBLY FRICTION LOCK STRAIGHT BREAKAWAY			
molex			
DOCUMENT NO.			SHEET NO.
SD-41671-001			1 OF *
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

- NOTES:
- MATERIAL: POLYESTER, 94V-0, MOLDED BLACK
 - 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.
 - PRODUCT SPECIFICATION: PS-08-50.
 - PACKAGING INFO: SEE TABLE.
 - SOLDERABILITY: PER SMES-152.
 - 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.
 - 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.)
 - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

CKT	B	A
2	3.96 .156	6.78/7.87 .267/1.310
3	7.92 .312	10.74/11.84 .423/1.466
4	11.89 .468	14.71/15.80 .579/1.622
5	15.85 .624	18.67/19.76 .735/1.778
6	19.81 .780	22.63/23.72 .891/1.934
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