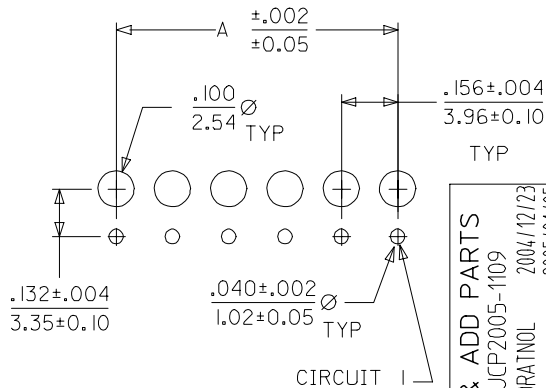


NOTES:

- HOUSING MATERIAL: NYLON, UL 94V-2
- CATALOG PLATINGS:  
 (102) = OVERALL TIN: 5.08 MICROMETERS MIN OVER 2.54 MICROMETERS MIN COPPER.  
 (154) = OVERALL TIN: 2.54 MICROMETERS MIN OVER 1.27 MICROMETERS MIN NICKEL.  
 (208) = SELECT GOLD: 0.38 MICROMETERS MIN,  
 SELECT TIN: 2.54 MICROMETERS MIN,  
 OVERALL NICKEL UNDERPLATE: 1.27 MICROMETERS MIN
- PRODUCT SPECIFICATION: PS-08-50
- SOLDERABILITY SPECIFICATION: SMES-I52
- RIGHT ANGLE OPTIONS SEE DRAWING SDA-2145-001
- TOP ENTRY OPTIONS SEE DRAWING SDA-2145-002

CKT	A	B
02	$.156 \pm .002$ $3.96 \pm 0.13$	$.308$ $7.82$
03	$.312 \pm .005$ $7.92 \pm 0.13$	$.464$ $11.79$
04	$.468 \pm .005$ $11.89 \pm 0.13$	$.620$ $15.75$
05	$.624 \pm .005$ $15.85 \pm 0.13$	$.776$ $19.71$
06	$.780 \pm .005$ $19.81 \pm 0.13$	$.932$ $23.67$
07	$.936 \pm .010$ $23.77 \pm 0.25$	$1.088$ $27.64$
08	$1.092 \pm .010$ $27.74 \pm 0.25$	$1.244$ $31.60$
09	$1.248 \pm .010$ $31.70 \pm 0.25$	$1.400$ $35.56$
10	$1.404 \pm .010$ $35.66 \pm 0.25$	$1.556$ $39.52$
11	$1.560 \pm .010$ $39.62 \pm 0.25$	$1.712$ $43.48$
12	$1.716 \pm .010$ $43.59 \pm 0.25$	$1.868$ $47.45$
13	$1.872 \pm .010$ $47.55 \pm 0.25$	$2.024$ $51.41$
14	$2.028 \pm .014$ $51.51 \pm 0.36$	$2.180$ $55.37$
15	$2.184 \pm .014$ $55.47 \pm 0.36$	$2.336$ $59.33$



PCB LAYOUT: COMPONENT SIDE  
 RECOMMENDED PCB THICKNESS: .062

ME10 & ADD PARTS	DESCRIPTION
EC NO: UCP2005-1109	
DRWN: ADRA1NOL 2004/12/23	
CHKD: SAMIEC 2005/05/06/05	
APPR: MARGULIS 2005/05/20/07	
REV	
Y1	

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	
		IN	MM
= 0 = 0 = 0 = 0 ANGULAR $\pm 1/2^\circ$	4 PLACES	$\pm \text{---}$	$\pm \text{---}$
	3 PLACES	$\pm \text{---}$	$\pm .010$
	2 PLACES	$\pm 0.25$	$\pm .014$
	1 PLACE	$\pm 0.36$	$\pm \text{---}$
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DRAWN BY	DATE
SAMIEC	01/16/03
CHECKED BY	DATE
SAMIEC	01/16/03
APPROVED BY	DATE
MARGULIS	01/16/03
MATERIAL NO.	
SEE CHART	
SIZE	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
---	INCH	
TITLE		
KK 156 HOUSING ASSY PC TAIL BOTTOM ENTRY		
MOLEX MOLEX INCORPORATED		
DOCUMENT NO.	SHEET NO.	
SDA-2145-003	1 OF 4	



# KK 156 PCB ASSY 2-15 CKT

## 2145 BOTTOM ENTRY SERIES

CATALOG PRODUCTS

OPTIONS	RAMPS	YES	RAMPS	YES
	HOOKS:	YES	HOOKS:	YES
	COLOR:	WHITE	COLOR:	WHITE
	MOLD VOID:	NONE	MOLD VOID:	NONE
	TERM MATL:	PHOS BRONZE	TERM MATL:	PHOS BRONZE
	CONTACT:	STANDARD	CONTACT:	STANDARD
	PC TAIL (C):	.160 / 4.06	PC TAIL (C):	.160 / 4.06
	PLT CODE:	102 – TIN	PLT CODE:	208 – 15 GOLD
	TERM VOID:	NONE	TERM VOID:	NONE
	PACKAGING:	TRAY PK-2145-001	PACKAGING:	TRAY PK-2145-001
Ckt	Material No	Material No		
2	09-62-6024	09-62-4028		
3	09-62-6034	09-62-4038		
4	09-62-6044	09-62-4048		
5	09-62-6054	09-62-4058		
6	09-62-6064	09-62-4068		
7	09-62-6074	09-62-4078		
8	09-62-6084	09-62-4088		
9	09-62-6094	09-62-4098		
10	09-62-6104	09-62-4108		
11	09-62-6114	09-62-4118		
12	09-62-6124	09-62-4128		
13	09-62-6134	09-62-4138		
14	09-62-6144	09-62-4148		
15	09-62-6154	09-62-4158		

<b>REV:</b>  <b>Y1</b>	<b>REV FORMAT</b> UCP2004-2560 4/12/2004 SAMIEC	<b>TITLE:</b>  <b>KK 156 PCB ASSY</b> <b>2145 BOTTOM ENTRY SERIES</b>	<u>SHEET No.</u>  <b>- 2 -</b>
<u>DOCUMENT NUMBER:</u> <b>SDA-2145-003</b>		<u>CREATED / REVISED BY:</u> <b>SAMIEC</b>	<u>CHECKED BY:</u> <b>SAMIEC</b>
		<u>APPROVED BY:</u> <b>MARGULIS</b>	



# KK 156 PCB ASSY 2-15 CKT

## 2145 BOTTOM ENTRY SERIES

CUSTOM PRODUCTS

OPTIONS	RAMPS	YES	RAMPS	YES	RAMPS	YES	RAMPS	YES
	HOOKS:	YES	HOOKS:	YES	HOOKS:	YES	HOOKS:	YES
	COLOR:	WHITE	COLOR:	WHITE	COLOR:	WHITE	COLOR:	WHITE
	MOLD VOID:	NONE	MOLD VOID:	NONE	MOLD VOID:	NONE	MOLD VOID:	NONE
	TERM MATL:	PHOS BRONZE	TERM MATL:	BRASS	TERM MATL:	BRASS	TERM MATL:	BRASS
	CONTACT:	STANDARD	CONTACT:	STANDARD	CONTACT:	STANDARD	CONTACT:	STANDARD
	PC TAIL (C):	.160 / 4.06	PC TAIL (C):	.160 / 4.06	PC TAIL (C):	.160 / 4.06	PC TAIL (C):	.126 / 3.20
	PLT CODE:	P909 – TIN	PLT CODE:	P909 – TIN	PLT CODE:	208 – 15 GOLD	PLT CODE:	P909 – TIN
	TERM VOID:	NONE	TERM VOID:	NONE	TERM VOID:	NONE	TERM VOID:	NONE
	PACKAGING:	TRAY PK-2145-001	PACKAGING:	TRAY PK-2145-001	PACKAGING:	TRAY PK-2145-001	PACKAGING:	TRAY PK-2145-001
Ckt	Material No		Material No		Material No		Material No	
2	09-52-2028		09-52-3022		09-62-3022		09-52-5022	
3	09-52-2038		09-52-3032		09-62-3032		09-52-5032	
4	09-52-2048		09-52-3042		09-62-3042		09-52-5042	
5	09-52-2058		09-52-3052		09-62-3052		09-52-5052	
6	09-52-2068		09-52-3062		09-62-3062		09-52-5062	
7	09-52-2078		09-52-3072		09-62-3072		09-52-5072	
8	09-52-2088		09-52-3082		09-62-3082		09-52-5082	
9	09-52-2098		09-52-3092		09-62-3092		09-52-5092	
10	09-52-2108		09-52-3102		09-62-3102		09-52-5102	
11	09-52-2118		09-52-3112		09-62-3112		09-52-5112	
12	09-52-2128		09-52-3122		09-62-3122		09-52-5122	
13	09-52-2138		09-52-3132		09-62-3132		09-52-5132	
14	09-52-2148		09-52-3142		09-62-3142		09-52-5142	
15	09-52-2158		09-52-3152		09-62-3152		09-52-5152	

<b>REV:</b>  <b>Y1</b>	<b>REV FORMAT</b> UCP2004-2560 4/12/2004 SAMIEC	<b>TITLE:</b>  <b>KK 156 PCB ASSY</b> <b>2145 BOTTOM ENTRY SERIES</b>	<b>SHEET No.</b>  <b>- 3 -</b>
<b>DOCUMENT NUMBER:</b> <b>SDA-2145-003</b>		<b>CREATED / REVISED BY:</b> <b>SAMIEC</b>	<b>CHECKED BY:</b> <b>SAMIEC</b>
		<b>APPROVED BY:</b> <b>MARGULIS</b>	



# KK 156 PCB ASSY 2-15 CKT

## 2145 BOTTOM ENTRY SERIES

Assy Proc:	BOTTOM ENTRY
Housing No:	2145-N-AN
Terminal No:	6298-154
Dim C:	.160 / 4.06
Plating:	154-TIN
Packaging:	PK-2145-001
Voids:	NO

Assy Proc:	
Housing No:	
Terminal No:	
Dim C:	
Plating:	
Packaging:	
Voids:	

Assy Proc:	
Housing No:	
Terminal No:	
Dim C:	
Plating:	
Packaging:	
Voids:	

Assy Proc:	
Housing No:	
Terminal No:	
Dim C:	
Plating:	
Packaging:	
Voids:	

Ckts	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number
2	50-30-4405	A-2145-BA02L-154						
3	50-30-4406	A-2145-BA03L-154						
4	50-30-4407	A-2145-BA04L-154						
5	50-30-4408	A-2145-BA05L-154						
6	50-30-4409	A-2145-BA06L-154						
7	50-30-4411	A-2145-BA07L-154						
8	50-30-4412	A-2145-BA08L-154						
9	50-30-4413	A-2145-BA09L-154						
10	50-30-4414	A-2145-BA10L-154						
11	50-30-4415	A-2145-BA11L-154						
12	50-30-4416	A-2145-BA12L-154						
13	50-30-4417	A-2145-BA13L-154						
14	50-30-4418	A-2145-BA14L-154						
15	50-30-4419	A-2145-BA15L-154						

REV: <b>Y1</b>	REV FORMAT UCP2004-2560 4/12/2004 SAMIEC	TITLE: <b>KK 156 PCB ASSY 2145 BOTTOM ENTRY SERIES</b>	SHEET No. <b>- 4 -</b>
DOCUMENT NUMBER: <b>SDA-2145-003</b>		CREATED / REVISED BY: <b>SAMIEC</b>	CHECKED BY: <b>SAMIEC</b>
		APPROVED BY: <b>MARGULIS</b>	