



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

- NOTES:
- HOUSING MATERIAL: NYLON, UL 94V-2
  - FINISH:
    - (909) = OVERALL HOT TIN DIP: .000100/0.00254 MIN.
    - (102) = OVERALL TIN: .000200/0.00508 MIN.
    - OVERALL COPPER UNDERPLATE: .000100/0.00254 MIN.
    - (154) = OVERALL TIN: .000100/0.00254 MIN.
    - OVERALL NICKEL UNDERPLATE: .000050/0.00127 MIN.
    - (208) = SELECT GOLD: .000015/0.00038 MIN.
    - SELECT TIN: .000100/0.00254 MIN.
    - OVERALL NICKEL UNDERPLATE: .000050/0.00127 MIN.
  - PRODUCT SPECIFICATION: PS-08-50
  - PACKAGING INFORMATION: SEE CHARTS.
  - SOLDERABILITY SPECIFICATION: SMES-152
  - RIGHT ANGLE OPTIONS: SEE DRAWING SDA-2145-001.
  - TOP ENTRY OPTIONS: SEE DRAWING SDA-2145-002.
  - .132/3.35 DIMENSION IS CENTER OF TERMINAL TO CENTER OF MATING PIN AND DOES NOT REFLECT CENTER OF THE CONNECTOR HOUSING WINDOW DIMENSION.

2	Y1
1	Y2
SHT.	REV.

ADD NOTE 8 EC NO: UCP2006-2932 DRW/PRI/ODER 2006/06/08 CHKD/ADERR 2006/06/13 APPR:FSMITH 2006/06/14	QUALITY SYMBOLS ▽=0 □=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
				IN/MM		---	INCH	TITLE		
		4 PLACES ± --- ± ---		DRAWN BY DATE		KK 156 HOUSING ASSY				
		3 PLACES ± --- ± .010		SAMIEC 01/16/03		PC TAIL				
2 PLACES ± 0.25 ± .014		CHECKED BY DATE		BOTTOM ENTRY						
1 PLACE ± 0.36 ± ---		SAMIEC 01/16/03		MOLEX INCORPORATED						
ANGULAR ±1/2°		APPROVED BY DATE		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MARGULIS 01/16/03		SEE CHART		SDA-2145-003		1 OF 4		
		SIZE A		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

tb\_frame\_A\_P\_ME\_T  
Rev. D 2004/04/02

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# 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	

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

TEMPLATE FILENAME: PRODUCT\_SPEC[SIZE\_A](V.1).DOC



## 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	

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

TEMPLATE FILENAME: PRODUCT\_SPEC[SIZE\_A](V.1).DOC



## KK 156 PCB ASSY 2-15 CKT 2145 BOTTOM ENTRY SERIES

	Assy Proc:	BOTTOM ENTRY	Assy Proc:	Assy Proc:	Assy Proc:	Assy Proc:
	Housing No:	2145-N-AN	Housing No:	Housing No:	Housing No:	Housing No:
	Terminal No:	6298-154	Terminal No:	Terminal No:	Terminal No:	Terminal No:
	Dim C:	.160 / 4.06	Dim C:	Dim C:	Dim C:	Dim C:
	Plating:	154-TIN	Plating:	Plating:	Plating:	Plating:
	Packaging:	PK-2145-001	Packaging:	Packaging:	Packaging:	Packaging:
	Voids:	NO	Voids:	Voids:	Voids:	Voids:
Ckts	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 <b>UCP2004-2560</b> 4/12/2004 SAMIEC	TITLE: <b>KK 156 PCB ASSY</b> <b>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>	

TEMPLATE FILENAME: PRODUCT\_SPEC\SIZE\_A\ (V.1).DOC