

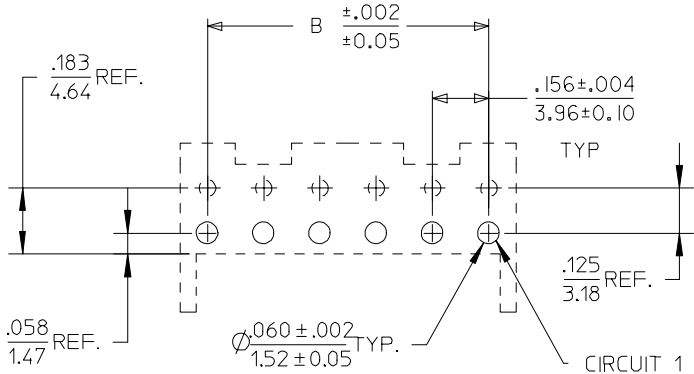
NOTES:

- HOUSING MATERIAL: NYLON, UL 94V-2
- FINISH:
 - (909) = OVERALL HOT TIN DIP: .000100/0.00254 MIN.
 - (501) = OVERALL GOLD: .000020/0.00051 MIN.
 - OVERALL NICKLE UNDERPLATE: .000030/0.00076 MIN.
 - (102) = OVERALL TIN: .000200/0.00508 MIN.
 - OVERALL COPPER UNDERPLATE: .000100/0.00254 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 INFO: SEE CHARTS
- SOLDERABILITY SPECIFICATION: SMES-152
- RIGHT ANGLE OPTIONS SEE DRAWING SDA-2145-001
- BOTTOM ENTRY OPTIONS SEE DRAWING SDA-2145-003
- .183/4.64 DIMENSION IS BOTTOM OF HOUSING TO CENTER OF MATING PIN AND DOES NOT REFLECT CENTER OF CONNECTOR HOUSING WINDOW DIMENSION.

CKT	A		B	
	Value	Value	Value	Value
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

2-4	Y1
1	Y3
SHT.	REV.

PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS: .062/1.57



ADD NOTE 8
EC NO: UCP2006-2932
DRWN:PRIDDER 2006/06/08
CHKD:ADERR 2006/06/13
APPR:FSMITH 2006/06/14
Y3

QUALITY SYMBOLS	DESCRIPTION
▽=0	
▽=0	

GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
4 PLACES ± ---	± ---
3 PLACES ± ---	± .010
2 PLACES ± 0.25	± .014
1 PLACE ± 0.36	± ---
ANGULAR ± 1/2°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE IN/MM	
DRAWN BY	DATE
SAMIEC	2003/01/16
CHECKED BY	DATE
SAMIEC	2003/01/16
APPROVED BY	DATE
MARGULIS	2003/01/16
MATERIAL NO.	SEE CHART
SIZE	A

SCALE	---
DESIGN UNITS	INCH
THIRD ANGLE PROJECTION	
TITLE	
KK 156 HOUSING ASSY PC TAIL TOP ENTRY	
MOLEX MOLEX INCORPORATED	
MATERIAL NO.	SDA-2145-002
SHEET NO.	1 OF 4
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	



KK 156 PCB ASSY 2-15 CKT

2145 TOP 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):	.120 / 3.05	PC TAIL (C):	.120 / 3.05
	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	09-62-6025		09-62-4029	
3	09-62-6035		09-62-4039	
4	09-62-6045		09-62-4049	
5	09-62-6055		09-62-4059	
6	09-62-6065		09-62-4069	
7	09-62-6075		09-62-4079	
8	09-62-6085		09-62-4089	
9	09-62-6095		09-62-4099	
10	09-62-6105		09-62-4109	
11	09-62-6115		09-62-4119	
12	09-62-6125		09-62-4129	
13	09-62-6135		09-62-4139	
14	09-62-6145		09-62-4149	
15	09-62-6155		09-62-4159	

REV: Y1	ADDA-2145-FANA501 UCP2005-0149 7/20/2004 SCHAFFER	TITLE: KK 156 PCB ASSY 2145 TOP ENTRY SERIES	SHEET No. - 2 -
DOCUMENT NUMBER: SDA-2145-002		CREATED / REVISED BY: SAMIEC	CHECKED BY: SAMIEC
		APPROVED BY: MARGULIS	



KK 156 PCB ASSY 2-15 CKT

2145 TOP ENTRY SERIES

CUSTOM PRODUCTS

OPTIONS	RAMPS	YES	RAMPS	YES	RAMPS	YES	RAMPS	YES
	HOOKS:	YES	HOOKS:	YES	HOOKS:	CUT OFF	HOOKS:	YES
	COLOR:	WHITE	COLOR:	WHITE	COLOR:	WHITE	COLOR:	WHITE
	MOLD VOID:	NONE	MOLD VOID:	NONE	MOLD VOID:	NONE	MOLD VOID:	NONE
	TERM MATL:	BRASS	TERM MATL:	BRASS	TERM MATL:	BRASS	TERM MATL:	BRASS
	CONTACT:	STANDARD	CONTACT:	STANDARD	CONTACT:	STANDARD	CONTACT:	STANDARD
	PC TAIL (C):	.120 / 3.05	PC TAIL (C):	.189 / 4.80	PC TAIL (C):	.120 / 3.05	PC TAIL (C):	.120 / 3.05
	PLT CODE:	102 – TIN	PLT CODE:	P909 – TIN	PLT CODE:	P909 – TIN	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	09-52-1023		09-52-1029				09-52-3023	
3	09-52-1033		09-52-1039		09-52-3034		09-52-3033	
4	09-52-1043		09-52-1049		09-52-3044		09-52-3043	
5	09-52-1053		09-52-1059		09-52-3054		09-52-3053	
6	09-52-1063		09-52-1069		09-52-3064		09-52-3063	
7	09-52-1073		09-52-1079				09-52-3073	
8	09-52-1083		09-52-1089		09-52-3089		09-52-3083	
9	09-52-1093		09-52-1099		09-52-3094		09-52-3093	
10	09-52-1103		09-52-1109				09-52-3103	
11	09-52-1113		09-52-1119				09-52-3113	
12	09-52-1123		09-52-1129				09-52-3123	
13	09-52-1133		09-52-1139				09-52-3133	
14	09-52-1143		09-52-1149				09-52-3143	
15	09-52-1153		09-52-1159				09-52-3153	

REV:	ADDA-2145-FANA501 UCP2005-0149 7/20/2004 SCHAFFER	TITLE:	SHEET No.
Y1		<h1 style="margin: 0;">KK 156 PCB ASSY</h1> <h2 style="margin: 0;">2145 TOP ENTRY SERIES</h2>	- 3 -
DOCUMENT NUMBER:		CREATED / REVISED BY:	CHECKED BY:
SDA-2145-002		SAMIEC	SAMIEC
		APPROVED BY:	
		MARGULIS	



KK 156 PCB ASSY 2-15 CKT

2145 TOP ENTRY SERIES

CUSTOM PRODUCTS

OPTIONS	RAMPS	NO	RAMPS	YES	RAMPS	YES	RAMPS	YES
	HOOKS:	CUT OFF	HOOKS:	YES	HOOKS:	YES	HOOKS:	CUT OFF
	COLOR:	WHITE	COLOR:	WHITE	COLOR:	WHITE	COLOR:	WHITE
	MOLD VOID:	NONE	MOLD VOID:	NONE	MOLD VOID:	NONE	MOLD VOID:	NONE
	TERM MATL:	BRASS	TERM MATL:	BRASS	TERM MATL:	PHOS BRONZE	TERM MATL:	BRASS
	CONTACT:	STANDARD	CONTACT:	STANDARD	CONTACT:	STANDARD	CONTACT:	STANDARD
	PC TAIL (C):	.120 / 3.05	PC TAIL (C):	.120 / 3.05	PC TAIL (C):	.120 / 3.05	PC TAIL (C):	.120 / 3.05
	PLT CODE:	P909 – TIN	PLT CODE:	208 – 15 GOLD	PLT CODE:	P909 – TIN	PLT CODE:	501-20 GOLD
	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	09-52-1025		09-62-3023		09-52-2029			
3	09-52-1035		09-62-3033		09-52-2039			
4	09-52-1045		09-62-3043		09-52-2049			
5	09-52-1055		09-62-3053		09-52-2059			
6	09-52-1065		09-62-3063		09-52-2069		50-29-1694	
7	09-52-1075		09-62-3073		09-52-2079			
8	09-52-1085		09-62-3083		09-52-2089			
9	09-52-1095		09-62-3093		09-52-2099			
10	09-52-1105		09-62-3103		09-52-2109			
11	09-52-1115		09-62-3113		09-52-2119			
12	09-52-1125		09-62-3123		09-52-2129			
13	09-52-1135		09-62-3133		09-52-2139			
14	09-52-1145		09-62-3143		09-52-2149			
15	09-52-1155		09-62-3153		09-52-2159			

REV: Y1	ADDA-2145-FANA501 UCP2005-0149 7/20/2004 SCHAFFER	TITLE: KK 156 PCB ASSY 2145 TOP ENTRY SERIES	SHEET No. - 4 -
DOCUMENT NUMBER: SDA-2145-002		CREATED / REVISED BY: SAMIEC	CHECKED BY: SAMIEC
		APPROVED BY: MARGULIS	