



NOTES:

- HOUSING MATERIAL: NYLON, UL 94V-2
- CATALOG PLATINGS:
 (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
- SOLDERABILITY SPECIFICATION: SMES-152
- RIGHT ANGLE OPTIONS SEE DRAWING SDA-2145-001
- BOTTOM ENTRY OPTIONS SEE DRAWING SDA-2145-003

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

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

2-4	Y1
1	Y2
SHT.	REV.

UPDATED PER ECN EC NO: UCP2005-2495 DRWN:ADERR 2005/05/12 CHKD:LSCHM1DT 2005/05/12 APPR:FSM1TH 2005/05/13 Y2	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± ---	3 PLACES ± --- ±.010	2 PLACES ± 0.25 ±.014	1 PLACE ± 0.36 ± ---	ANGULAR ±1/2°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
		DRAWN BY DATE		CHECKED BY DATE		APPROVED BY DATE		MATERIAL NO.	
		SAMI EC 2003/01/16		SAMI EC 2003/01/16		MARGULIS 2003/01/16		MOLEX MOLEX INCORPORATED	
						DOCUMENT NO. SDA-2145-002		SHEET NO. 1 OF 4	



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						
	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						
	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		09-52-3033	
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:	Y1	ADDA-2145-FANA501 UCP2005-0149 7/20/2004 SCHAFFER	TITLE:	KK 156 PCB ASSY 2145 TOP ENTRY SERIES	SHEET No.	- 3 -
DOCUMENT NUMBER:		CREATED / REVISED BY:		CHECKED BY:		APPROVED BY:
SDA-2145-002		SAMIEC		SAMIEC		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						
	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						
	PLT CODE:	P909 – TIN	PLT CODE:	208 – 15 GOLD	PLT CODE:	P909 – TIN	PLT CODE:	501-20 GOLD
	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	