



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		
			mm	INCH	DRAWN BY SAMIEC	DATE 2003/01/16	TITLE KK 156 HOUSING ASSY PC TAIL TOP ENTRY			
		4 PLACES	± ---	± ---	CHECKED BY SAMIEC	DATE 2003/01/16				
		3 PLACES	± ---	±.010	APPROVED BY MARGULIS	DATE 2003/01/16	MOLEX MOLEX INCORPORATED MATERIAL NO. SEE CHART 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	

<b>REV:</b>  <b>Y1</b>	<b>ADDA-2145-FANA501</b> <b>UCP2005-0149</b> <b>7/20/2004 SCHAFFER</b>	<b>TITLE:</b>  <b>KK 156 PCB ASSY</b> <b>2145 TOP ENTRY SERIES</b>	<b>SHEET No.</b>  <b>- 2 -</b>
<b>DOCUMENT NUMBER:</b> <b>SDA-2145-002</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 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:	<b>Y1</b>	<b>ADDA-2145-FANA501</b> <b>UCP2005-0149</b> <b>7/20/2004 SCHAFFER</b>	TITLE:	<b>KK 156 PCB ASSY</b> <b>2145 TOP ENTRY SERIES</b>	SHEET No.	<b>- 3 -</b>
DOCUMENT NUMBER:		CREATED / REVISED BY:		CHECKED BY:		APPROVED BY:
<b>SDA-2145-002</b>		<b>SAMIEC</b>		<b>SAMIEC</b>		<b>MARGULIS</b>



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