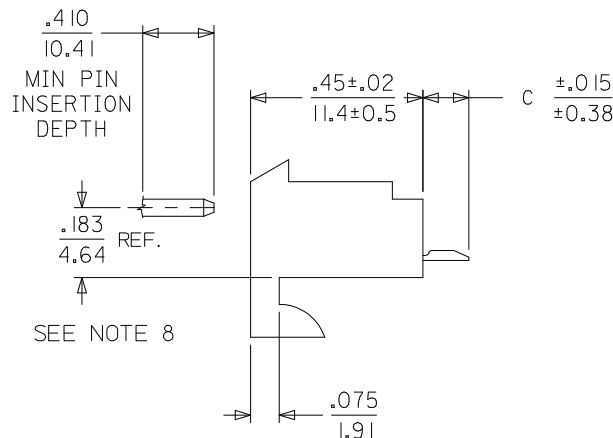
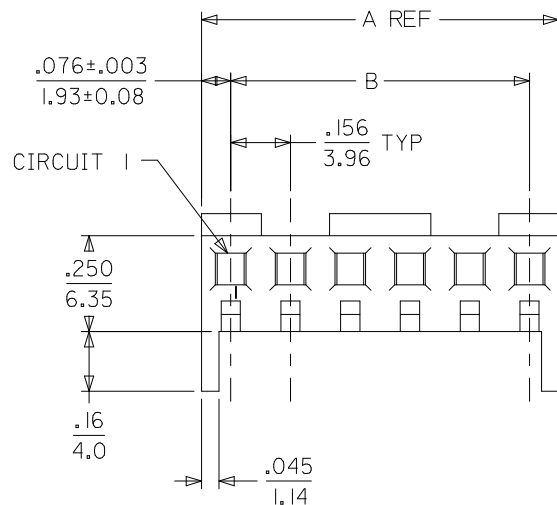


NOTES:

1. HOUSING MATERIAL: NYLON, UL 94V-2

2. FINISH:

(909) = OVERALL HOT TIN DIP: .000100/0.00254 MIN.

(197) = OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN.
OVER 0.00127/.000050 MIN. NICKEL OVERALL.

(208) = SELECT GOLD: .000015/0.00038 MIN.
SELECT TIN: .000100/0.00254 MIN.
OVERALL NICKEL UNDERPLATE: .000050/0.00127 MIN.

3. PRODUCT SPECIFICATION: PS-08-50

4. PACKAGING INFO: SEE CHARTS

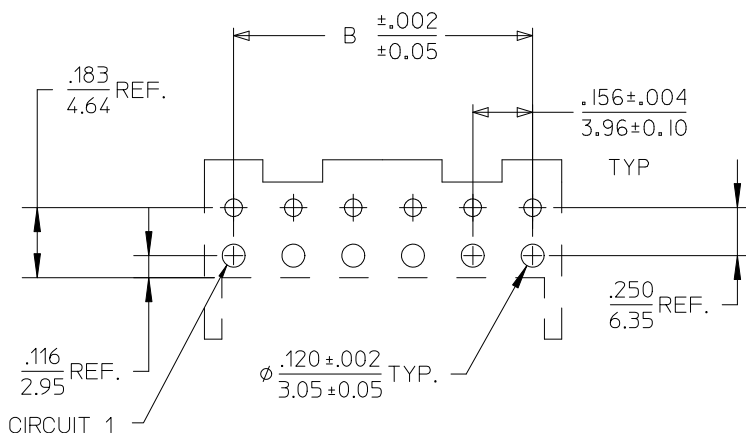
5. SOLDERABILITY SPECIFICATION: SMES-152

6. RIGHT ANGLE OPTIONS SEE DRAWING SDA-2145-001

7. BOTTOM ENTRY OPTIONS SEE DRAWING SDA-2145-003

8. .183/4.64 DIMENSION IS BOTTOM OF HOUSING TO CENTER OF MATING PIN AND DOES NOT REFLECT CENTER OF CONNECTOR HOUSING WINDOW DIMENSION.

9. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.



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

CKT	A	B
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	Z
1	Z
SHT.	REV.

CHANGE PLATING	QUALITY SYMBOLS
EC NO: UCP2012-1821	▽ F = 0
DRWN:MMSTROH 2012/01/04	▽ G = 0
CHKD:MKIPPER 2012/01/05	▽ P = 0
APPR:FSMITH 2012/02/02	
DESCRIPTION	
REV	

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			
DOCUMENT NO.			SHEET NO.
SDA-2145-002			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

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:	197 – 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: Z	CHANGE PLATING UCP2012-1821 01/04/2012	TITLE: KK 156 PCB ASSY 2145 TOP ENTRY SERIES			SHEET No. - 2 -
DOCUMENT NUMBER: SDA-2145-002		CREATED / REVISED BY: MMSTROH	CHECKED BY: MKIPPER	APPROVED BY: FSMITH	



KK 156 PCB ASSY 2-15 CKT

2145 TOP ENTRY SERIES

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:	197 – 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: Z	CHANGE PLATING UCP2012-1821 01/04/2012	<u>TITLE:</u> KK 156 PCB ASSY 2145 TOP ENTRY SERIES				<u>SHEET No.</u> - 3 -
<u>DOCUMENT NUMBER:</u> SDA-2145-002		<u>CREATED / REVISED BY:</u> MMSTROH		<u>CHECKED BY:</u> MKIPPER	<u>APPROVED BY:</u> FSMITH	



KK 156 PCB ASSY 2-15 CKT

2145 TOP ENTRY SERIES

OPTIONS	RAMPS	NO	RAMPS	YES	RAMPS	YES		
	HOOKS:	CUT OFF	HOOKS:	YES	HOOKS:	YES		
	COLOR:	WHITE	COLOR:	WHITE	COLOR:	WHITE		
	MOLD VOID:	NONE	MOLD VOID:	NONE	MOLD VOID:	NONE		
	TERM MATL:	BRASS	TERM MATL:	BRASS	TERM MATL:	PHOS BRONZE		
	CONTACT:	STANDARD	CONTACT:	STANDARD	CONTACT:	STANDARD		
	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		
	TERM VOID:	NONE	TERM VOID:	NONE	TERM VOID:	NONE		
	PACKAGING:	TRAY PK-2145-001	PACKAGING:	TRAY PK-2145-001	PACKAGING:	TRAY PK-2145-001		
Ckt	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			
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: Z	CHANGE PLATING UCP2012-1821 01/04/2012	TITLE: KK 156 PCB ASSY 2145 TOP ENTRY SERIES	SHEET No. - 4 -
DOCUMENT NUMBER: SDA-2145-002	CREATED / REVISED BY: MMSTROH	CHECKED BY: MKIPPER	APPROVED BY: FSMITH

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