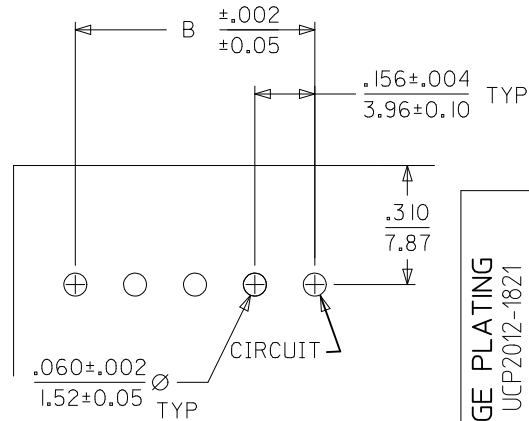


NOTES:

- HOUSING MATERIAL: NYLON, UL 94V-2
- FINISH:
 - (197) OVERALL REFLOWED MATTE TIN: 0.00152/0.00060 MIN. OVER 0.00127/0.00050 MIN. NICKEL OVERALL.
 - (208) SELECT GOLD: .000015/0.00038 MIN. SELECT TIN: .000100/0.00254 MIN. OVERALL NICKEL UNDERPLATE: .000050/0.00127 MIN.
 - (909) OVERALL HOT TIN DIP: .000100/0.00254 MIN.
- PRODUCT SPECIFICATION: PS-08-50
- PACKAGING INFO: SEE CHARTS.
- SOLDERABILITY SPECIFICATION: SMES-152.
- TOP ENTRY OPTIONS: SEE DRAWING SDA-2145-002.
- 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 THE CONNECTOR HOUSING WINDOW DIMENSION.
- THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION.

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



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

CHANGE PLATING EC NO: UCP2012-1821 DRWN:MMSTROH 2012/01/04 CHKD:MKIPPER 2012/01/05 APPR:FSM/TH 2012/02/02	QUALITY SYMBOLS ▽F=0 ▽E=0 ▽F=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
		mm	INCH	DRAWN BY	DATE	TITLE	INCH	AA	AA
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	4 PLACES	± ---	± ---	SAMIEC		KK 156 PCB ASSY RIGHT ANGLE ENTRY	MOLEX	MOLEX INCORPORATED	SHEET NO. 1 OF *
	3 PLACES	± ---	± .010	CHECKED BY	DATE				
	2 PLACES	± 0.25	± .015	SAMIEC	98/10/09				
	1 PLACE	± 0.38	± ---	APPROVED BY	DATE				
		ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.			
				SEE CHART		SDA-2145-001			
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



KK 156 PCB ASSY

2145 RIGHT ANGLE 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):	.145 / 3.68	PC TAIL (C):	.145 / 3.68
	PLATING:	197 - TIN	PLATING:	208 - GOLD
	TERM VOID:	NONE	TERM VOID:	NONE
	PACKAGING:	TRAY PK-2145-001	PACKAGING:	TRAY PK-2145-001
	Ckts	Material No	Material No	
2	09-52-1026	09-62-4027		
3	09-52-1036	09-62-4037		
4	09-52-1046	09-62-4047		
5	09-52-1056	09-62-4057		
6	09-52-1066	09-62-4067		
7	09-52-1076	09-62-4077		
8	09-52-1086	09-62-4087		
9	09-52-1096	09-62-4097		
10	09-52-1106	09-62-4107		
11	09-52-1116	09-62-4117		
12	09-52-1126	09-62-4127		
13	09-52-1136	09-62-4137		
14	09-52-1146	09-62-4147		
15	09-52-1156	09-62-4157		

REV:	2/2/2012	TITLE:	KK 156 PCB ASSY	<u>SHEET No.</u>
AA	MMSTROH	2145 RIGHT ANGLE SERIES		- 2 -
<u>DOCUMENT NUMBER:</u>		<u>CREATED / REVISED BY:</u>	<u>CHECKED BY:</u>	<u>APPROVED BY:</u>
SDA-2145-001		MMSTROH	MKIPPER	FSMITH



KK 156 PCB ASSY

2145 RIGHT ANGLE SERIES

OPTIONS	RAMPS	YES					RAMPS	YES
	HOOKS:	YES					HOOKS:	YES
	COLOR:	WHITE					COLOR:	WHITE
	MOLD VOID:	NONE					MOLD VOID:	NONE
	TERM MATL:	BRASS					TERM MATL:	BRASS
	CONTACT:	STANDARD					CONTACT:	STANDARD
	PC TAIL (C):	.145 / 3.68					PC TAIL (C):	.145 / 3.68
	PLT CODE:	197 - TIN					PLT CODE:	P909 - TIN
	TERM VOID:	NONE					TERM VOID:	NONE
	PACKAGING:	TRAY PK-2145-001					PACKAGING:	TRAY PK-2145-001
Ckt	Material No					Material No		
2	09-52-1021					09-52-3021		
3	09-52-1031					09-52-3031		
4	09-52-1041					09-52-3041		
5	09-52-1051					09-52-3051		
6	09-52-1061					09-52-3061		
7	09-52-1071					09-52-3071		
8	09-52-1081					09-52-3081		
9	09-52-1091					09-52-3091		
10	09-52-1101					09-52-3101		
11	09-52-1111					09-52-3111		
12	09-52-1121					09-52-3121		
13	09-52-1131					09-52-3131		
14	09-52-1141					09-52-3141		
15	09-52-1151					09-52-3151		

REV:	2/2/2012 MMSTROH	TITLE: KK 156 PCB ASSY 2145 RIGHT ANGLE SERIES	SHEET No. - 3 -
DOCUMENT NUMBER:	SDA-2145-001	CREATED / REVISED BY:	MMSTROH
		CHECKED BY:	MKIPPER
		APPROVED BY:	FSMITH



KK 156 PCB ASSY

2145 RIGHT ANGLE SERIES

OPTIONS	RAMPS:	YES	RAMPS:	YES	RAMPS:	NO	RAMPS:	YES
	HOOKS:	YES	HOOKS:	YES	HOOKS:	YES	HOOKS:	YES
	COLOR:	BLACK	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:	LOW INSERTION
	PC TAIL (C):	.145 / 3.68	PC TAIL (C):	.145 / 3.68	PC TAIL (C):	.145 / 3.68	PC TAIL (C):	.145 / 3.68
	PLT CODE:	P909 – TIN	PLT CODE:	208 – 15 GOLD	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	09-53-3021	09-62-3021						
3	09-53-3031	09-62-3031		09-52-3035				
4	09-53-3041	09-62-3041		09-52-3045				
5	09-53-3051	09-62-3051		09-52-3055				
6	09-53-3061	09-62-3061		09-52-3065				
7	09-53-3071	09-62-3071						
8	09-53-3081	09-62-3081		09-52-3085				
9	09-53-3091	09-62-3091	09-52-2097	09-52-3095				
10	09-53-3101	09-62-3101		09-52-3105				
11	09-53-3111	09-62-3111						
12	09-53-3121	09-62-3121		09-52-3125				
13	09-53-3131	09-62-3131						
14	09-53-3141	09-62-3141						
15	09-53-3151	09-62-3151		09-52-3155				

REV:	2/2/2012 MMSTROH	TITLE: KK 156 PCB ASSY 2145 RIGHT ANGLE SERIES	<u>SHEET No.</u> - 4 -
DOCUMENT NUMBER:	SDA-2145-001	CREATED / REVISED BY:	MMSTROH
		CHECKED BY:	MKIPPER
		APPROVED BY:	FSMITH



KK 156 PCB ASSY

2145 RIGHT ANGLE SERIES

			RAMPS	YES	RAMPS	YES	RAMPS	
			HOOKS:	YES	HOOKS:	YES	HOOKS:	
			COLOR:	WHITE	COLOR:	WHITE	COLOR:	
			MOLD VOID:	NONE	MOLD VOID:	NONE	MOLD VOID:	
			TERM MATL:	PHOS BRONZE	TERM MATL:	PHOS BRONZE	TERM MATL:	
			CONTACT:	STANDARD	CONTACT:	LOW FORCE	CONTACT:	
			PC TAIL (C):	.145 / 3.68	PC TAIL (C):	.145 / 3.68	PC TAIL (C):	
			PLT CODE:	P909 – TIN	PLT CODE:	197 – TIN	PLT CODE:	
			TERM VOID:	NONE	TERM VOID:	NONE	TERM VOID:	
			PACKAGING:	TRAY PK-2145-001	PACKAGING:	TRAY PK-2145-001	PACKAGING:	
				Material No		Material No		Material No
				09-52-3028		50-29-0036		
				09-52-3038		50-29-0037 09-52-1030		
				09-52-3048		50-29-0038		
				09-52-3058		50-29-0039		
				09-52-3068		09-52-1060		
				09-52-3078		50-29-0040		
				09-52-3088		09-52-1080		
				09-52-3098		50-29-0041		
				09-52-3108		09-52-1100		
				09-52-3118		50-29-0042		
				09-52-3128		09-52-1120		
				09-52-3138		50-29-0043		
				09-52-3148		09-52-1140		
				09-52-3158		50-29-0044		

<u>REV:</u>	2/2/2012 MMSTROH	<u>TITLE:</u>	<u>SHEET No.</u>
AA		KK 156 PCB ASSY 2145 RIGHT ANGLE SERIES	- 5 -
<u>DOCUMENT NUMBER:</u>	SDA-2145-001	<u>CREATED / REVISED BY:</u>	MMSTROH
		<u>CHECKED BY:</u>	MKIPPER
		<u>APPROVED BY:</u>	FSMITH