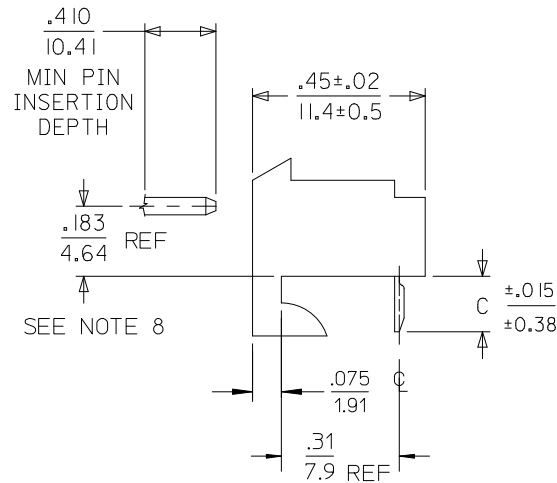
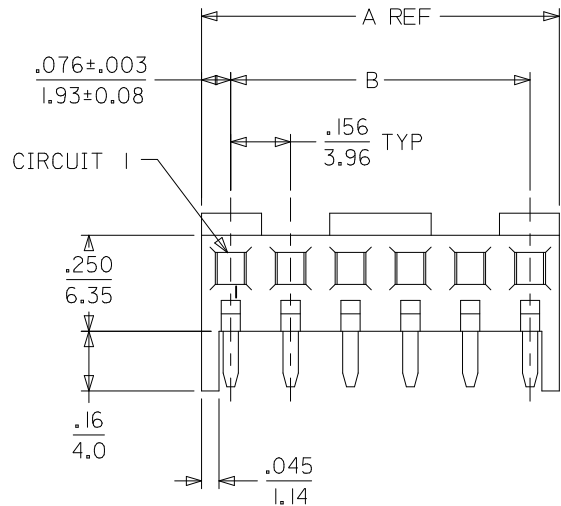
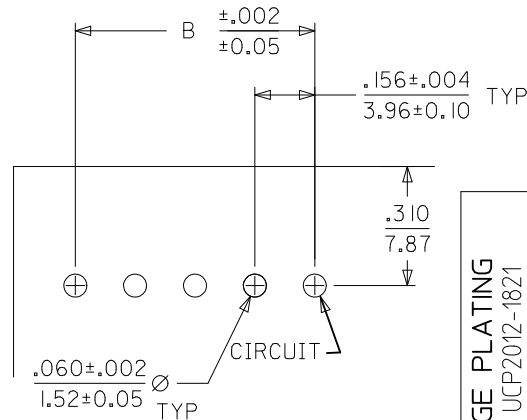




NOTES:

1. HOUSING MATERIAL: NYLON, UL 94V-2
2. FINISH:
 - (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.
 - (909) OVERALL HOT TIN DIP: .000100/0.00254 MIN.
3. PRODUCT SPECIFICATION: PS-08-50
4. PACKAGING INFO: SEE CHARTS.
5. SOLDERABILITY SPECIFICATION: SMES-152.
6. TOP ENTRY OPTIONS: SEE DRAWING SDA-2145-002.
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 THE CONNECTOR HOUSING WINDOW DIMENSION.
9. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION.



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

CHANGE PLATING					DESCRIPTION	QUALITY SYMBOLS
EC NO: UCP2012-1821						F _A = 0
DRWN:MMSTROH 2012/01/04					F _C = 0	
CHKD:MKIPPER 2012/01/05					F _P = 0	
APPR:FSMITH 2012/02/02						
AA					REV	

GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	
	IN/MM	
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .015
1 PLACE	± 0.38	± ---
ANGULAR ±1/2°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE	
IN/MM	
DRAWN BY	DATE
SAMIEC	
CHECKED BY	DATE
SAMIEC	98/10/09
APPROVED BY	DATE
MARGULIS	
MATERIAL NO.	
SEE CHART	
SIZE	THIS DRAWING CONT INCORPORATED AND
A	

SCALE		DESIGN UNITS INCH		 THIRD ANGLE PROJECTION	
TITLE KK 156 PCB ASSY RIGHT ANGLE ENTRY					
 MOLEX INCORPORATED					
DOCUMENT NO. SDA-2145-001				SHEET NO. 1 OF *	
AINS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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*	AA
1	AA
SHT	REV.



KK 156 PCB ASSY

2145 RIGHT ANGLE SERIES

OPTIONS

RAMPS	YES
HOOKS:	YES
COLOR:	WHITE
MOLD VOID:	NONE
TERM MATL:	PHOS BRONZE
CONTACT:	STANDARD
PC TAIL (C):	.145 / 3.68
PLATING:	197 - TIN
TERM VOID:	NONE
PACKAGING:	TRAY PK-2145-001

RAMPS	YES
HOOKS:	YES
COLOR:	WHITE
MOLD VOID:	NONE
TERM MATL:	PHOS BRONZE
CONTACT:	STANDARD
PC TAIL (C):	.145 / 3.68
PLATING:	208 - GOLD
TERM VOID:	NONE
PACKAGING:	TRAY PK-2145-001

Ckts

Material No
09-52-1026
09-52-1036
09-52-1046
09-52-1056
09-52-1066
09-52-1076
09-52-1086
09-52-1096
09-52-1106
09-52-1116
09-52-1126
09-52-1136
09-52-1146
09-52-1156

Material No
09-62-4027
09-62-4037
09-62-4047
09-62-4057
09-62-4067
09-62-4077
09-62-4087
09-62-4097
09-62-4107
09-62-4117
09-62-4127
09-62-4137
09-62-4147
09-62-4157

REV:

AA

2/2/2012

MMSTROH

TITLE:

**KK 156 PCB ASSY
2145 RIGHT ANGLE SERIES**

SHEET No.

- 2 -

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
	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	TITLE: KK 156 PCB ASSY 2145 RIGHT ANGLE SERIES				SHEET No.
AA	MMSTROH					- 3 -
DOCUMENT NUMBER:		CREATED / REVISED BY:		CHECKED BY:		APPROVED BY:
SDA-2145-001		MMSTROH		MKIPPER		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	TITLE: KK 156 PCB ASSY 2145 RIGHT ANGLE SERIES				SHEET No.
AA	MMSTROH					- 4 -
DOCUMENT NUMBER:		CREATED / REVISED BY:		CHECKED BY:	APPROVED BY:	
SDA-2145-001		MMSTROH		MKIPPER	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		

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