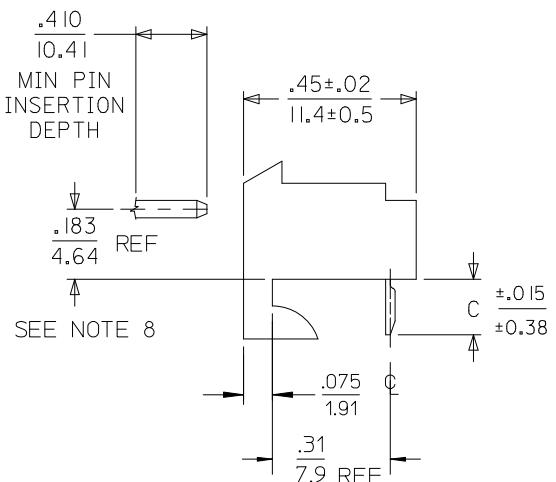


PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS: .062/1.57



NOTES:

1. HOUSING MATERIAL: NYLON, UL 94V-2
2. FINISH:
 - (197) OVERALL REFLOWED MATTE TIN: .000152/.000060 MIN.
OVER .000127/.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.

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.

CHANGE PLATING		DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE IN/MM	DRAWN BY SAMIEC	DATE 98/10/09	TITLE	THIRD ANGLE PROJECTION		SDA-2145-001	1 OF *
EC NO.	DRWNS/MSTR0H	CHKD:MK/UPPER	APPR:FSMITH	mm	INCH	CHECKED BY SAMIEC	APPROVED BY MARGULIS	MATERIAL NO.	DOCUMENT NO.	SDA-2145-001	SHEET NO.	
UCP2012-1821	2012/01/03	2012/01/05	2012/02/03	AA	REV.							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS SEE CHART												
SIZE A 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: AA	2/2/2012 MMSTROH	<u>TITLE:</u> KK 156 PCB ASSY 2145 RIGHT ANGLE SERIES	<u>SHEET No.</u> - 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: AA	2/2/2012 MMSTROH	<u>TITLE:</u> KK 156 PCB ASSY 2145 RIGHT ANGLE SERIES	<u>SHEET No.</u> - 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						
	TERM MATL:	BRASS						
	CONTACT:	STANDARD	CONTACT:	STANDARD	CONTACT:	STANDARD	CONTACT:	LOW INSERTION
	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						
	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				09-52-3085	
8	09-53-3081		09-62-3081				09-52-3095	
9	09-53-3091		09-62-3091		09-52-2097		09-52-3105	
10	09-53-3101		09-62-3101				09-52-3125	
11	09-53-3111		09-62-3111					
12	09-53-3121		09-62-3121					
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: AA	2/2/2012 MMSTROH	<u>TITLE:</u> 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			
		09-52-3048		09-52-1030			
		09-52-3058		50-29-0038			
		09-52-3068		50-29-0039			
		09-52-3078		09-52-1060			
		09-52-3088		50-29-0040			
		09-52-3098		09-52-1080			
		09-52-3108		50-29-0041			
		09-52-3118		09-52-1100			
		09-52-3128		50-29-0042			
		09-52-3138		09-52-1120			
		09-52-3148		50-29-0043			
		09-52-3158		09-52-1140			
				50-29-0044			

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

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