

6

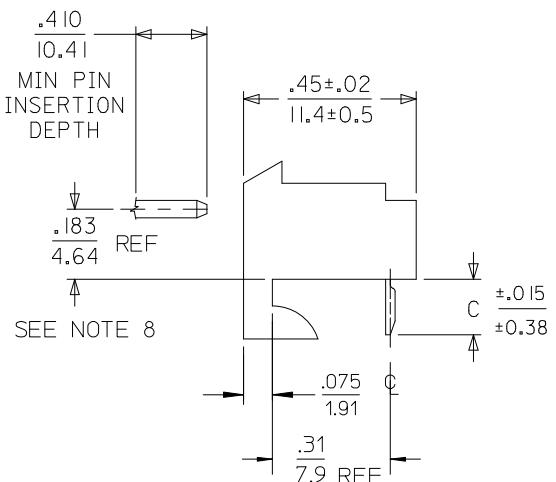
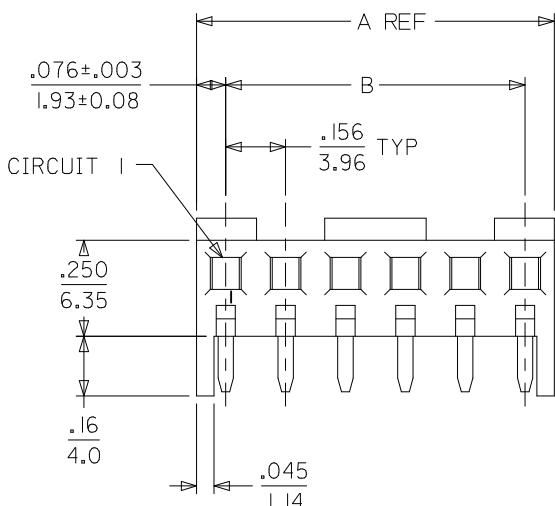
5

4

3

2

1



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

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

tb_frame_A_P_AM_T
Rev E 2009/06/18



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	SHEET No. - 2 -
DOCUMENT NUMBER: SDA-2145-001	CREATED / REVISED BY: MMSTROH	CHECKED BY: MKIPPER	APPROVED BY: FSMITH
TEMPLATE FILENAME: PRODUCT_SPEC(SIZE_A)(V.1).DOC			



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	SHEET No. - 3 -
DOCUMENT NUMBER: SDA-2145-001	CREATED / REVISED BY: MMSTROH	CHECKED BY: MKIPPER	APPROVED BY: FSMITH
TEMPLATE FILENAME: PRODUCT_SPEC(SIZE_A)(V.1).DOC			



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	SHEET No. - 4 -
DOCUMENT NUMBER: SDA-2145-001	CREATED / REVISED BY: MMSTROH	CHECKED BY: MKIPPER	APPROVED BY: FSMITH
TEMPLATE FILENAME: PRODUCT_SPEC(SIZE_A)(V.1).DOC			



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

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