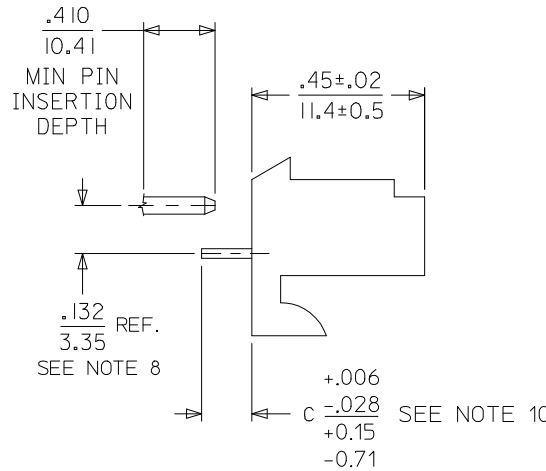
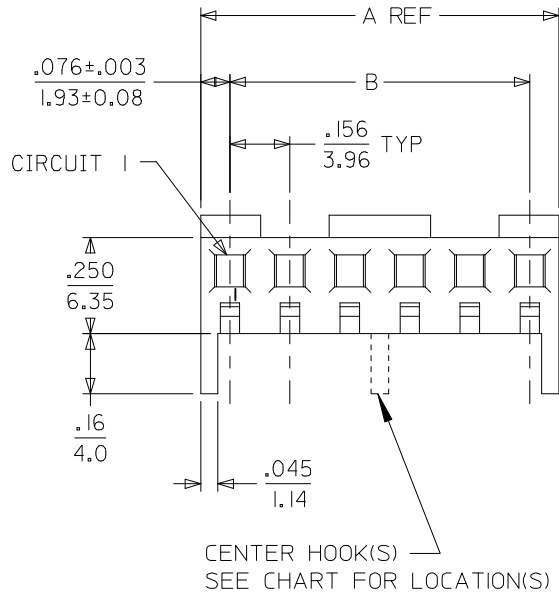
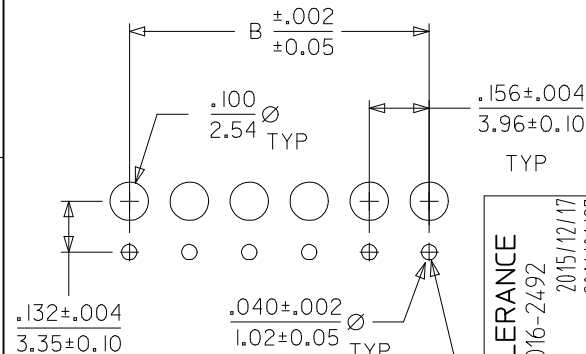




NOTES:

- HOUSING MATERIAL: NYLON, UL 94V-2
- FINISH:
 - (909) = OVERALL HOT TIN DIP: .000100/0.00254 MIN.
 - (197) OVERALL REFLOWED MATTE TIN: 0.00152/0.00060 MIN. OVER 0.00127/0.00050 MIN. NICKEL OVERALL.
 - (154) = OVERALL TIN: .000100/0.00254 MIN. OVERALL NICKEL UNDERPLATE: .000050/0.00127 MIN.
 - (208) = SELECT GOLD: .000015/0.00038 MIN. SELECT TIN: .000100/0.00254 MIN. OVERALL NICKEL UNDERPLATE: .000050/0.00127 MIN.
- PRODUCT SPECIFICATION: PS-08-50
- PACKAGING INFORMATION: SEE CHARTS.
- SOLDERABILITY SPECIFICATION: SMES-152
- RIGHT ANGLE OPTIONS: SEE DRAWING SDA-2145-001.
- TOP ENTRY OPTIONS: SEE DRAWING SDA-2145-002.
- .132/3.35 DIMENSION IS CENTER OF TERMINAL 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 PS-45499-002.
- DIMENSION "C" MEASURED WITH TERMINAL PUSHED IN AGAINST THE STOP.



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

CKT	A	B	CENTER HOOK(S) LOCATED BETWEEN CIRCUITS
02	.308 7.82	.156±.005 3.96±0.13	NONE
03	.464 11.79	.312±.005 7.92±0.13	NONE
04	.620 15.75	.468±.005 11.89±0.13	NONE
05	.776 19.71	.624±.005 15.85±0.13	NONE
06	.932 23.67	.780±.005 19.81±0.13	NONE
07	1.088 27.64	.936±.010 23.77±0.25	NONE
08	1.244 31.60	1.092±.010 27.74±0.25	4 & 5
09	1.400 35.56	1.248±.010 31.70±0.25	4 & 5
10	1.556 39.52	1.404±.010 35.66±0.25	5 & 6
11	1.712 43.48	1.560±.010 39.62±0.25	5 & 6
12	1.868 47.45	1.716±.010 43.59±0.25	4 & 5, 8 & 9
13	2.024 51.41	1.872±.010 47.55±0.25	6 & 7, 11 & 12
14	2.180 55.37	2.028±.014 51.51±0.36	5 & 6, 9 & 10
15	2.336 59.33	2.184±.014 55.47±0.36	5 & 6, 10 & 11

2	AA
1	AA
SHT.	REV.

DIM "C" TOLERANCE EC NO: UCP2016-2492 DRAWINGS 2015/12/17 CHKD:MKJ PPER 2016/01/27 APPR:FSM TH 2016/08/25 AA		DESCRIPTION REV	QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE IN/MM		SCALE	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
			F _A = 0			mm	INCH	DRAWN BY DATE		TITLE KK 156 HOUSING ASSY PC TAIL BOTTOM ENTRY molex				
			F _B = 0		4 PLACES	± ---	± ---	SAMIEC 01/16/03						
			F _C = 0		3 PLACES	± ---	± .010	CHECKED BY DATE						
					2 PLACES	± 0.25	± .014	SAMIEC 01/16/03						
					1 PLACE	± 0.36	± ---	APPROVED BY DATE						
					0 PLACE	± ---	± ---	FSM TH 2016/08/25						
					ANGULAR ±1/2°			MATERIAL NO.		DOCUMENT NO.			SHEET NO.	
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART		SDA-2145-003			1 OF 4	
								SIZE A	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 BOTTOM ENTRY SERIES

OPTIONS	RAMPS	YES	RAMPS	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):	.160 / 4.06	PC TAIL (C):	.160 / 4.06
	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	09-62-6024		09-62-4028	
3	09-62-6034		09-62-4038	
4	09-62-6044		09-62-4048	
5	09-62-6054		09-62-4058	
6	09-62-6064		09-62-4068	
7	09-62-6074		09-62-4078	
8	09-62-6084		09-62-4088	
9	09-62-6094		09-62-4098	
10	09-62-6104		09-62-4108	
11	09-62-6114		09-62-4118	
12	09-62-6124		09-62-4128	
13	09-62-6134		09-62-4138	
14	09-62-6144		09-62-4148	
15	09-62-6154		09-62-4158	

REV: AA	CLARIFY HOOKS ECM 107740 8/22/2016 MKIPPER	TITLE: KK 156 PCB ASSY 2145 BOTTOM ENTRY SERIES			SHEET No. - 2 -
DOCUMENT NUMBER: SDA-2145-003		CREATED / REVISED BY: MKIPPER	CHECKED BY: JBELL	APPROVED BY: FSMITH	



KK 156 PCB ASSY 2-15 CKT

2145 BOTTOM ENTRY SERIES

OPTIONS	RAMPS	YES	RAMPS	YES	RAMPS	YES	RAMPS	YES
	COLOR:	WHITE	COLOR:	WHITE	COLOR:	WHITE	COLOR:	WHITE
	MOLD VOID:	NONE	MOLD VOID:	NONE	MOLD VOID:	NONE	MOLD VOID:	NONE
	TERM MATL:	PHOS BRONZE	TERM MATL:	BRASS	TERM MATL:	BRASS	TERM MATL:	BRASS
	CONTACT:	STANDARD	CONTACT:	STANDARD	CONTACT:	STANDARD	CONTACT:	STANDARD
	PC TAIL (C):	.160 / 4.06	PC TAIL (C):	.160 / 4.06	PC TAIL (C):	.160 / 4.06	PC TAIL (C):	.126 / 3.20
	PLT CODE:	P909 – TIN	PLT CODE:	P909 – TIN	PLT CODE:	208 – 15 GOLD	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	09-52-2028		09-52-3022		09-62-3022		09-52-5022	
3	09-52-2038		09-52-3032		09-62-3032		09-52-5032	
4	09-52-2048		09-52-3042		09-62-3042		09-52-5042	
5	09-52-2058		09-52-3052		09-62-3052		09-52-5052	
6	09-52-2068		09-52-3062		09-62-3062		09-52-5062	
7	09-52-2078		09-52-3072		09-62-3072		09-52-5072	
8	09-52-2088		09-52-3082		09-62-3082		09-52-5082	
9	09-52-2098		09-52-3092		09-62-3092		09-52-5092	
10	09-52-2108		09-52-3102		09-62-3102		09-52-5102	
11	09-52-2118		09-52-3112		09-62-3112		09-52-5112	
12	09-52-2128		09-52-3122		09-62-3122		09-52-5122	
13	09-52-2138		09-52-3132		09-62-3132		09-52-5132	
14	09-52-2148		09-52-3142		09-62-3142		09-52-5142	
15	09-52-2158		09-52-3152		09-62-3152		09-52-5152	

REV:	CLARIFY HOOKS ECM 107740 8/22/2016 MKIPPER	TITLE:	KK 156 PCB ASSY 2145 BOTTOM ENTRY SERIES	SHEET No. - 3 -
DOCUMENT NUMBER:	SDA-2145-003	CREATED / REVISED BY:	CHKED BY:	APPROVED BY:
		MKIPPER	JBELL	FSMITH



KK 156 PCB ASSY 2-15 CKT

2145 BOTTOM ENTRY SERIES

OPTIONS	RAMPS	YES	RAMPS		RAMPS		RAMPS	
	COLOR:	WHITE	COLOR:		COLOR:		COLOR:	
	MOLD VOID:	NONE	MOLD VOID:		MOLD VOID:		MOLD VOID:	
	TERM MATL:	PHOS BRONZE	TERM MATL:		TERM MATL:		TERM MATL:	
	CONTACT:	STANDARD	CONTACT:		CONTACT:		CONTACT:	
	PC TAIL (C):	.160 / 4.06	PC TAIL (C):		PC TAIL (C):		PC TAIL (C):	
	PLT CODE:	P154 – TIN	PLT CODE:		PLT CODE:		PLT CODE:	
	TERM VOID:	NONE	TERM VOID:		TERM VOID:		TERM VOID:	
	PACKAGING:	TRAY PK-2145-001	PACKAGING:		PACKAGING:		PACKAGING:	
Ckt	Material No		Material No		Material No		Material No	
2	50-30-4405							
3	50-30-4406							
4	50-30-4407							
5	50-30-4408							
6	50-30-4409							
7	50-30-4411							
8	50-30-4412							
9	50-30-4413							
10	50-30-4414							
11	50-30-4415							
12	50-30-4416							
13	50-30-4417							
14	50-30-4418							
15	50-30-4419							

REV:	CLARIFY HOOKS ECM 107740 8/22/2016 MKIPPER	TITLE:	KK 156 PCB ASSY 2145 BOTTOM ENTRY SERIES	SHEET No. - 4 -
DOCUMENT NUMBER:	SDA-2145-003	CREATED / REVISED BY:	CHKED BY:	APPROVED BY:
		MKIPPER	JBELL	FSMITH