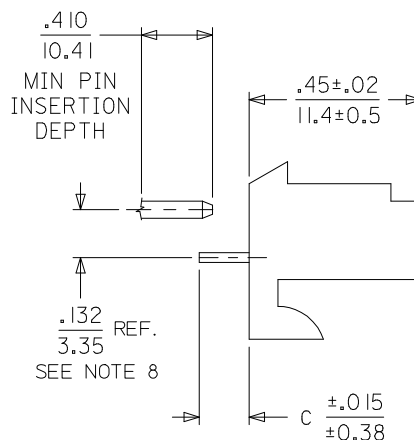
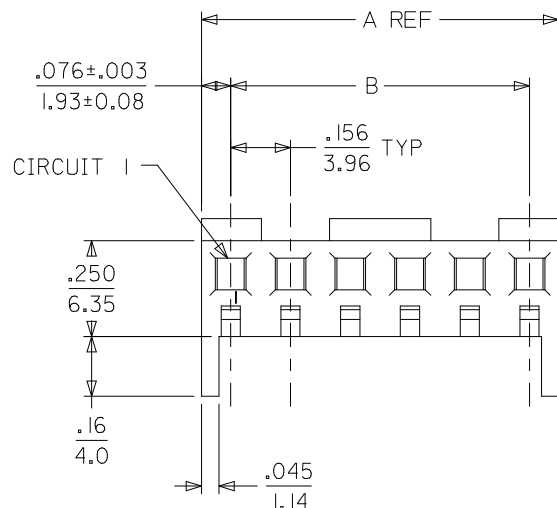
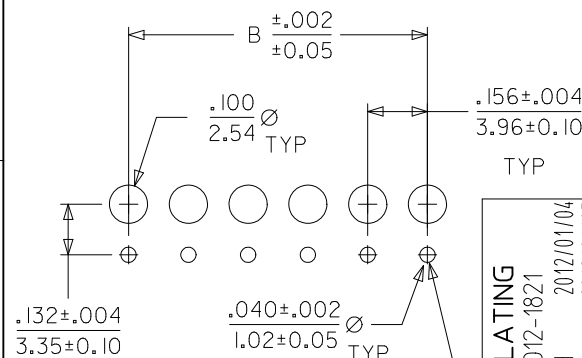




NOTES:

1. HOUSING MATERIAL: NYLON, UL 94V-2
2. FINISH:
 - (909) = OVERALL HOT TIN DIP: .000100/0.00254 MIN.
 - (197) OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN.
OVER 0.00127/.000050 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.
3. PRODUCT SPECIFICATION: PS-08-50
4. PACKAGING INFORMATION: SEE CHARTS.
5. SOLDERABILITY SPECIFICATION: SMES-152
6. RIGHT ANGLE OPTIONS: SEE DRAWING SDA-2145-001.
7. TOP ENTRY OPTIONS: SEE DRAWING SDA-2145-002.
8. .132/3.35 DIMENSION IS CENTER OF TERMINAL 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 PS-45499-002.



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

N	CHANGE PLATING			QUALITY SYMBOLS
	EC NO: UCP2012-1821			
	DRWN:MMSTROH	2012/01/04	DESCRIPTION	
	CHK'D:MK IPPER	2012/01/05		
	APPR:FSM ITH	2012/02/02		
REV				 = O  = O  = O

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± .---	± .---
3 PLACES	± .---	± .010
2 PLACES	± 0.25	± .014
1 PLACE	± 0.36	± .---
ANGULAR ±1/2°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE	
IN/MM	
DRAWN BY	DATE
SAMIEC	01/16/0
CHECKED BY	DATE
SAMIEC	01/16/0
APPROVED BY	DATE
MARGULIS	01/16/0
MATERIAL NO.	
SEE CHART	
SIZE A	THIS DRAWING CONT INCORPORATED AND

SCALE ---	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION
TITLE		
KK 156 HOUSING ASSY PC TAIL BOTTOM ENTRY		
 MOLEX INCORPORATED		
DOCUMENT NO.	SDA-2145-003	SHEET NO. 1 OF 4

CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
 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	Z
1	Z
SHT.	REV.



KK 156 PCB ASSY 2-15 CKT

2145 BOTTOM ENTRY 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):	.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: Z	CHANGE PLATING UCP2012-1821 1/04/2012 MMSTROH	TITLE: KK 156 PCB ASSY 2145 BOTTOM ENTRY SERIES		SHEET No. - 2 -
DOCUMENT NUMBER: SDA-2145-003		CREATED / REVISED BY: MMSTROH	CHECKED BY: MKIPPER	APPROVED BY: FSMITH



KK 156 PCB ASSY 2-15 CKT

2145 BOTTOM ENTRY SERIES

OPTIONS	RAMPS	YES	RAMPS	YES	RAMPS	YES	RAMPS	YES
	HOOKS:	YES	HOOKS:	YES	HOOKS:	YES	HOOKS:	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: Z	CHANGE PLATING UCP2012-1821 1/04/2012 MMSTROH	TITLE: KK 156 PCB ASSY 2145 BOTTOM ENTRY SERIES	SHEET No. - 3 -
DOCUMENT NUMBER: SDA-2145-003	CREATED / REVISED BY: MMSTROH	CHECKED BY: MKIPPER	APPROVED BY: FSMITH



KK 156 PCB ASSY 2-15 CKT

2145 BOTTOM ENTRY SERIES

Ckts	Assy Proc:	BOTTOM ENTRY	Assy Proc:		Assy Proc:		Assy Proc:	
	Housing No:	2145-N-AN	Housing No:		Housing No:		Housing No:	
	Terminal No:	6298-154	Terminal No:		Terminal No:		Terminal No:	
	Dim C:	.160 / 4.06	Dim C:		Dim C:		Dim C:	
	Plating:	154-TIN	Plating:		Plating:		Plating:	
	Packaging:	PK-2145-001	Packaging:		Packaging:		Packaging:	
	Voids:	NO	Voids:		Voids:		Voids:	
	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number	Material No	Engineer Number
	2	50-30-4405 A-2145-BA02L-154						
	3	50-30-4406 A-2145-BA03L-154						
	4	50-30-4407 A-2145-BA04L-154						
	5	50-30-4408 A-2145-BA05L-154						
	6	50-30-4409 A-2145-BA06L-154						
	7	50-30-4411 A-2145-BA07L-154						
	8	50-30-4412 A-2145-BA08L-154						
	9	50-30-4413 A-2145-BA09L-154						
	10	50-30-4414 A-2145-BA10L-154						
	11	50-30-4415 A-2145-BA11L-154						
	12	50-30-4416 A-2145-BA12L-154						
	13	50-30-4417 A-2145-BA13L-154						
	14	50-30-4418 A-2145-BA14L-154						
	15	50-30-4419 A-2145-BA15L-154						

REV: Z	CHANGE PLATING UCP2012-1821 1/04/2012 MMSTROH	<u>TITLE:</u> KK 156 PCB ASSY 2145 BOTTOM ENTRY SERIES	<u>SHEET No.</u> - 4 -
<u>DOCUMENT NUMBER:</u> SDA-2145-003	<u>CREATED / REVISED BY:</u> MMSTROH	<u>CHECKED BY:</u> MKIPPER	<u>APPROVED BY:</u> FSMITH