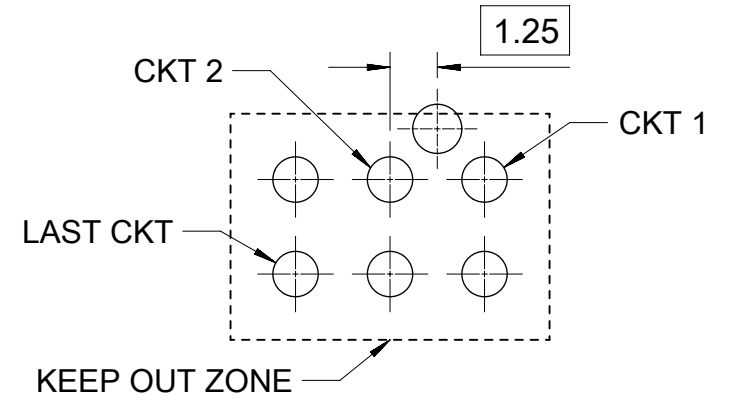
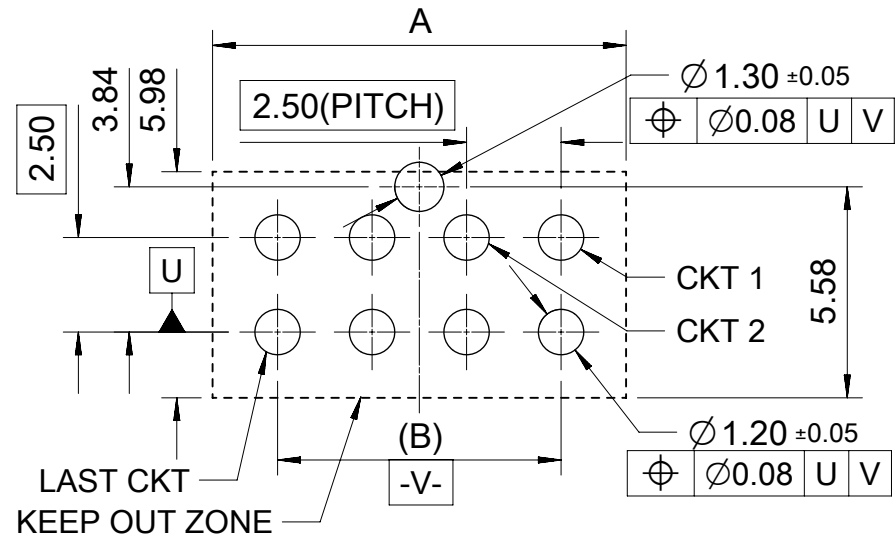
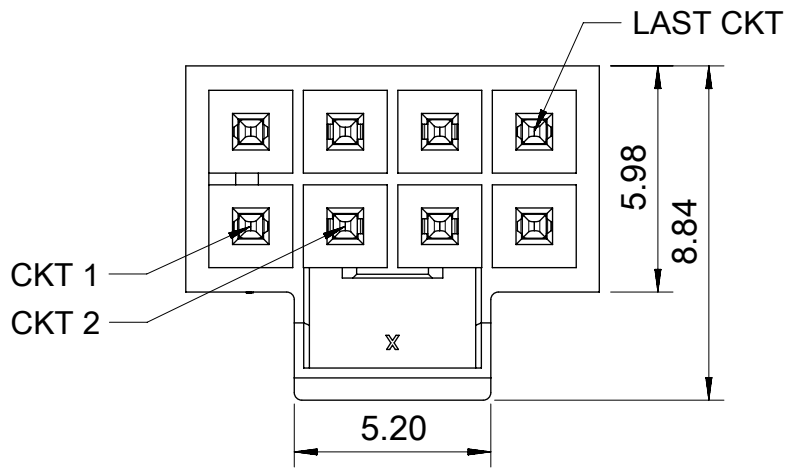
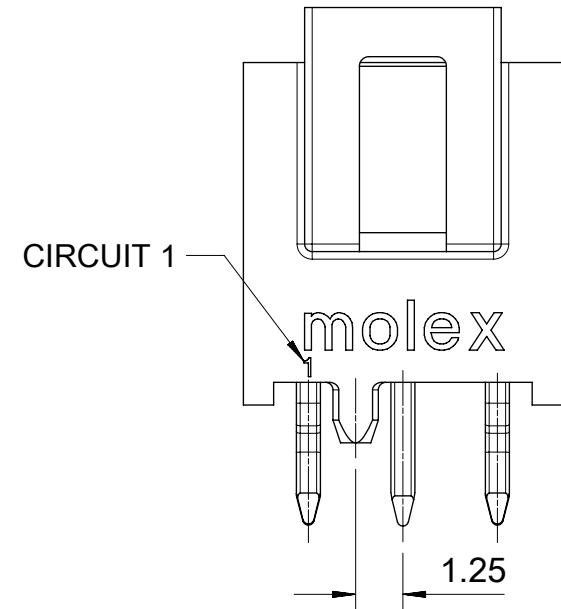
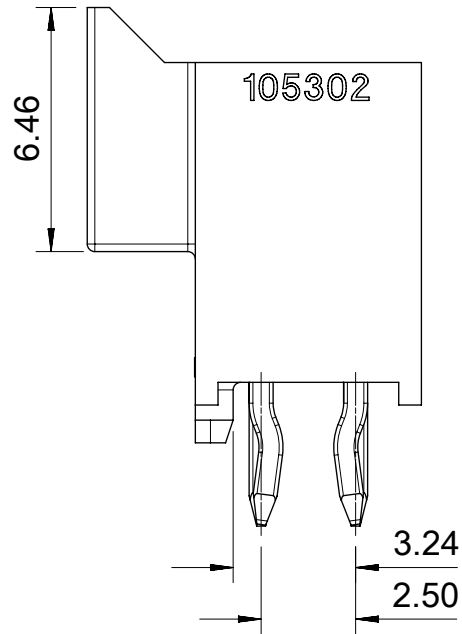
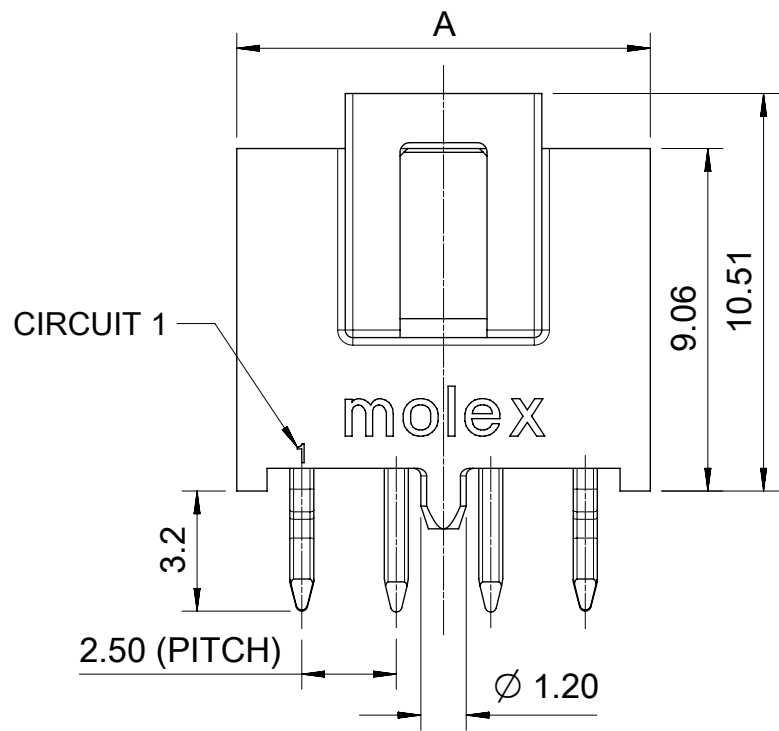
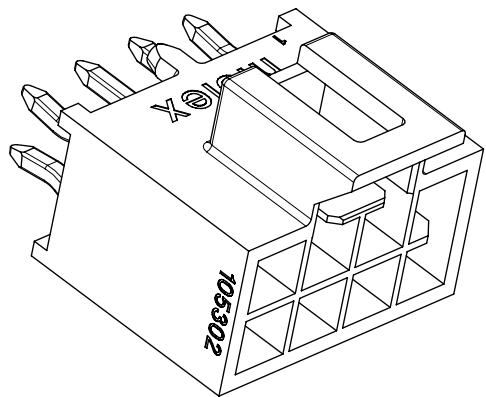


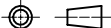


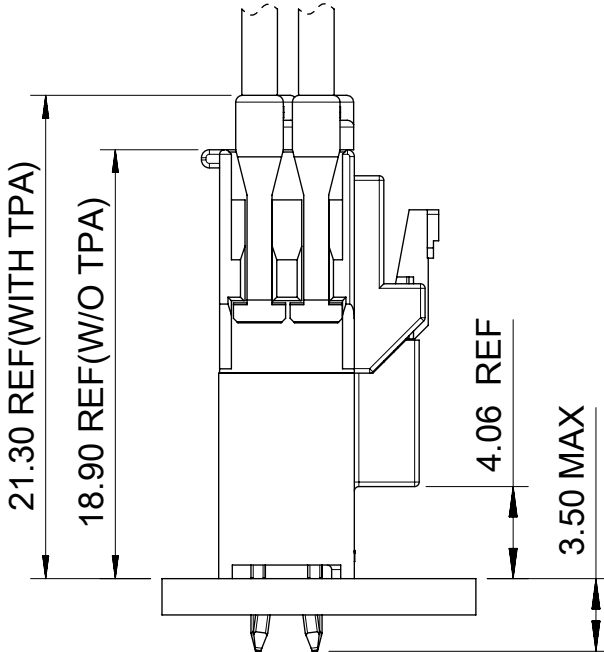
RECOMMENDED PCB(CONNECTOR SIDE VIEW)
THICKNESS=1.6 TO 2.4 MM



ONLY FOR CKT 6, 10, 14
OTHER DIMENSIONS REFER TO LEFT VIEWS.



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex	
mm		5:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 749038 DRWN: GLLI2023/05/10 CHK'D: XQZHANG2023/05/25 APPR: XQZHANG2023/05/25					
ANGULAR TOL ± 3.0°									
4 PLACES		±		PRODUCT CUSTOMER DRAWING					
3 PLACES		± 0.1							
2 PLACES		± 0.2		DOCUMENT NUMBERDOC TYPEDOC PARTREVISION SD-105310-100PSD000H1					
1 PLACE		± 0.3							
0 PLACES		±		MATERIAL NUMBERCUSTOMERSHEET NUMBER GENERAL MARKET1 OF 5					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
THIRD ANGLE PROJECTION 				DRAWING A3-SIZE		SERIES 105310			

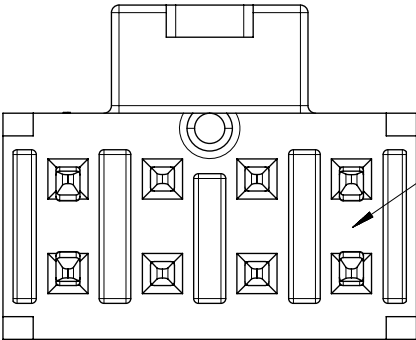
10		9		8		7		6		5		4		3		2		1											
PART NUMBER		DIM 'A'	DIM 'B'	CKT SIZE	PLATING	LUBE	 105310- * * * * CIRCUIT SIZE PLATING OPTION 1 - TIN 2 - GOLD 0.38 3 - GOLD 0.76 4 - GOLD AND LUBE 5 - GOLD 0.025 COLOR OPTION 1 - BLACK 2 - NATURAL										PART NUMBER		DIM 'A'	DIM 'B'	CKT SIZE	PLATING	LUBE						
105310-1104		5.94	2.50	4	TIN	NO											105310-2104		5.94	2.50	4	TIN	NO						
105310-1106		8.44	5.00	6													105310-2106		8.44	5.00	6								
105310-1108		10.94	7.50	8													105310-2108		10.94	7.50	8								
105310-1110		13.44	10.00	10													105310-2110		13.44	10.00	10								
105310-1112		15.94	12.50	12													105310-2112		15.94	12.50	12								
105310-1114		18.44	15.00	14													105310-2114		18.44	15.00	14								
105310-1116		20.94	17.50	16	105310-2116												20.94	17.50	16	105310-2204		5.94		2.50	4	GOLD 0.38	NO		
105310-1204		5.94	2.50	4	105310-2206												8.44	5.00	6										
105310-1206		8.44	5.00	6	105310-2208												10.94	7.50	8										
105310-1208		10.94	7.50	8	105310-2210												13.44	10.00	10										
105310-1210		13.44	10.00	10	105310-2212												15.94	12.50	12										
105310-1212		15.94	12.50	12	105310-2214												18.44	15.00	14										
105310-1214		18.44	15.00	14	105310-2216												20.94	17.50	16	105310-2304		5.94		2.50	4	GOLD 0.76		NO	
105310-1216		20.94	17.50	16	105310-2306												8.44	5.00	6										
105310-1304		5.94	2.50	4	105310-2308												10.94	7.50	8										
105310-1306		8.44	5.00	6	105310-2310												13.44	10.00	10										
105310-1308		10.94	7.50	8	105310-2312												15.94	12.50	12										
105310-1310		13.44	10.00	10	105310-2314												18.44	15.00	14										
105310-1312		15.94	12.50	12	105310-2316												20.94	17.50	16	105310-2404		5.94	2.50	4	GOLD 0.76	YES			
105310-1314		18.44	15.00	14	105310-2406												8.44	5.00	6										
105310-1316		20.94	17.50	16	105310-2408												10.94	7.50	8										
105310-1404		5.94	2.50	4	105310-2410												13.44	10.00	10										
105310-1406		8.44	5.00	6	105310-2412												15.94	12.50	12										
105310-1408		10.94	7.50	8	105310-2414												18.44	15.00	14										
105310-1410		13.44	10.00	10	105310-2416		20.94	17.50	16	COLOR: NATURAL																			
105310-1412		15.94	12.50	12	GOLD 0.76	YES																							
105310-1414		18.44	15.00	14																									
105310-1416		20.94	17.50	16																									
COLOR: BLACK																													
PART NUMBER		DIM 'A'	DIM 'B'	CKT SIZE	PLATING		LUBE	PART NUMBER		DIM 'A'	DIM 'B'	CKT SIZE	PLATING	LUBE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION DIMENSION UNITS SCALE mm 5:1 GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 3.0 ° 4 PLACES ± 3 PLACES ± 0.1 2 PLACES ± 0.2 1 PLACE ± 0.3 0 PLACES ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS THIRD ANGLE PROJECTION DRAWING SERIES MATERIAL NUMBER CUSTOMER SHEET NUMBER CURRENT REV DESC: EC NO: 749038 DRWN: GLLI CHK'D: XQZHANG APPR: XQZHANG INITIAL REVISION: DRWN: GLLI APPR: AYIN 2023/05/10 2023/05/25 2023/05/25 2014/03/21 2015/04/08 SD-105310-100 PSD 000 H1 GENERAL MARKET 3 OF 5														
105310-1504		5.94	2.50	4	GOLD 0.025		NO	105310-2504		5.94	2.50	4	GOLD 0.025	NO															
105310-1506		8.44	5.00	6				105310-2506		8.44	5.00	6																	
105310-1508		10.94	7.50	8				105310-2508		10.94	7.50	8																	
105310-1510		13.44	10.00	10				105310-2510		13.44	10.00	10																	
105310-1512		15.94	12.50	12				105310-2512		15.94	12.50	12																	
105310-1514		18.44	15.00	14		105310-2514		18.44	15.00	14																			
105310-1516		20.94	17.50	16	105310-2516			20.94	17.50	16	COLOR: NATURAL																		
COLOR: BLACK								COLOR: NATURAL																					
DOCUMENT STATUS		P1	RELEASE DATE		2023/05/25 00:11:27		7		6		5		4		3		2		1										

[illegible]

NOTES FOR ALL PARTS

1> MATERIAL:
HOUSING: LCP, UL 94V-0; TERMINAL: BRASS.
2> PLATING FINISHED:
TERMINAL:
CONTACT AREA: a. REFLOWED MATTE TIN 1.5MICRONS MIN;
b. GOLD 0.38 MICRONS MIN;
c. GOLD 0.76 MICRONS MIN.
d. GOLD 0.025 MICRONS MIN.
SOLDER AREA: TIN 1.5 MICRONS MIN, UNDER PLATING NICKEL 1.25 MICRONS MIN.
SOLDER CLIP: TIN 2.5 MICRONS MIN, UNDER PLATING NICKEL 1.25 MICRONS MIN.
3> PRODUCT SPECIFICATION: PS-105300-100.

4> PACKAGE: TRAY, PK-105309-100.
5> ALL COMPONENTS AND PRODUCT COMPLIANT TO RoHS DIRECTIVE 2011/65/EU AND ELV DIRECTIVE 2000/53/EC.
6> PRODUCT MATE WITH SERIES OF 105308(RECEPTACLE), 105300(CRIMP TERMINAL).
7> PARTS CONFORM TO CLASS 'B'REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
8> DISCOLORATION IN THE BANDOLIER PIN CARRIER AREA OF THE PIN IS INHERENT TO THE PLATING PROCESS AND IS DUE TO THE MASKING DEFECT OF THE CARRIER, THIS DISCOLORATION IS IN A NON-FUNCTION AREA OF THE PIN AND WILL NOT AFFECT THE PERFORMANCE OF THE HEADER ASSEMBLY.



IF ANY NUMBER MARK APPEARS ON THIS SURFACE, PLEASE DISREGARD IT, IT IS NO ANY FUCTION AND NO ANY RELATION TO PIN NUMBER, IT IS JUST FOR MOLDING IDENDIFICATION.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex							
mm		1:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)								HEADER OF NANO-FIT, D/R, KINK, VERTICAL POWER CONNECTOR							
ANGULAR TOL ± 3.0 °															
4 PLACES		±		EC NO: 749038				PRODUCT CUSTOMER DRAWING							
3 PLACES		± 0.1		DRWN: GLLI 2023/05/10											
2 PLACES		± 0.2		CHK'D: XQZHANG 2023/05/25											
1 PLACE		± 0.3		APPR: XQZHANG 2023/05/25				DOCUMENT NUMBER SD-105310-100		DOC TYPE PSD	DOC PART 000	REVISION H1			
0 PLACES		±		INITIAL REVISION: DRWN: GLLI 2014/03/21 APPR: AYIN 2015/04/08											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		105310				GENERAL MARKET		5 OF 5	