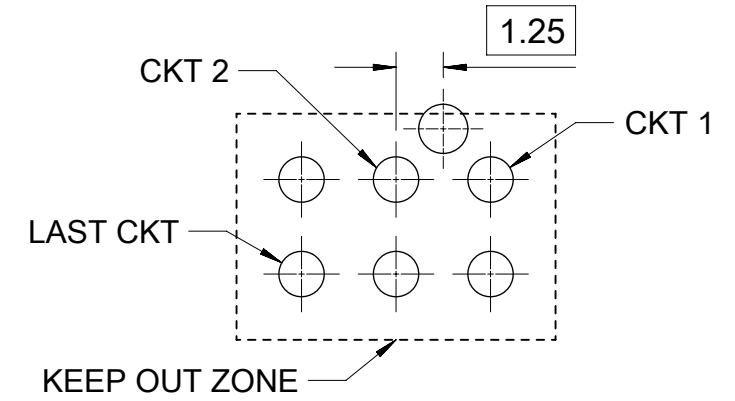
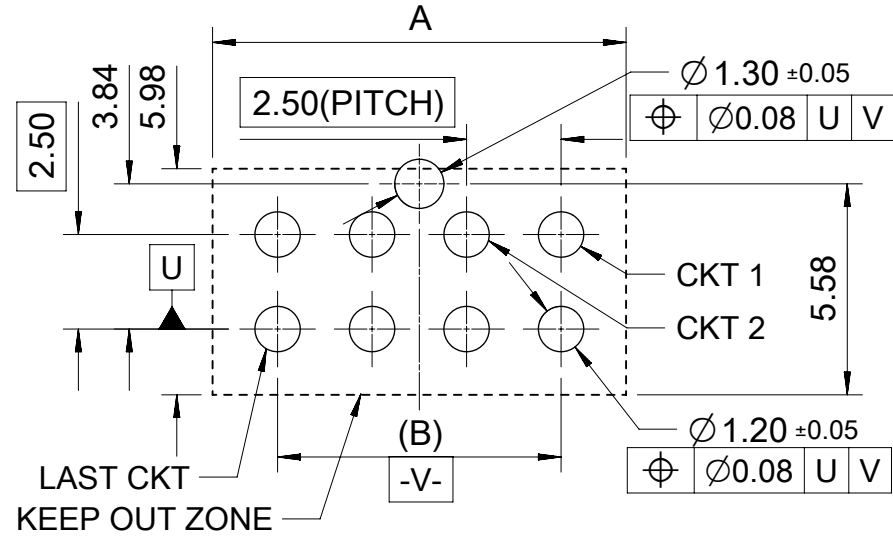
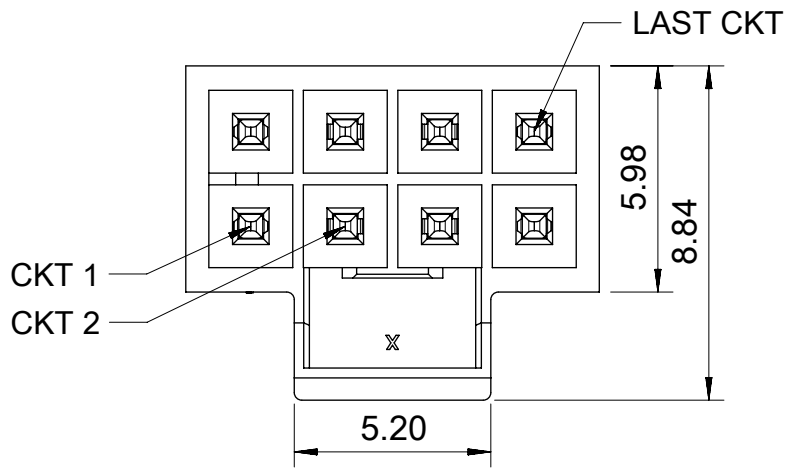
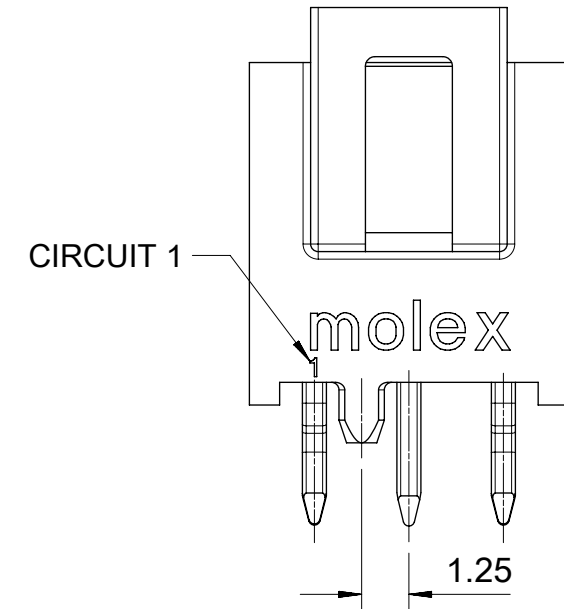
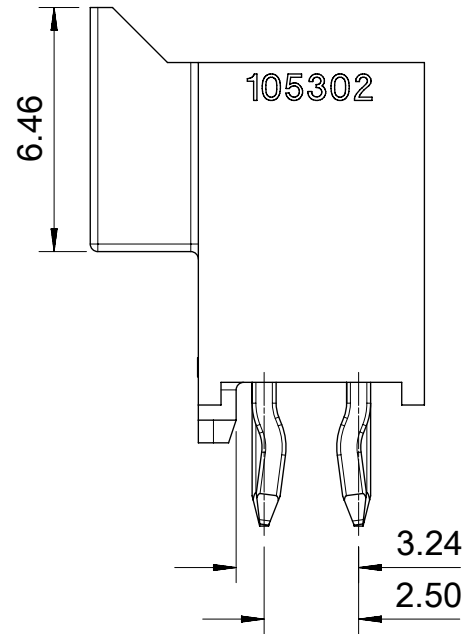
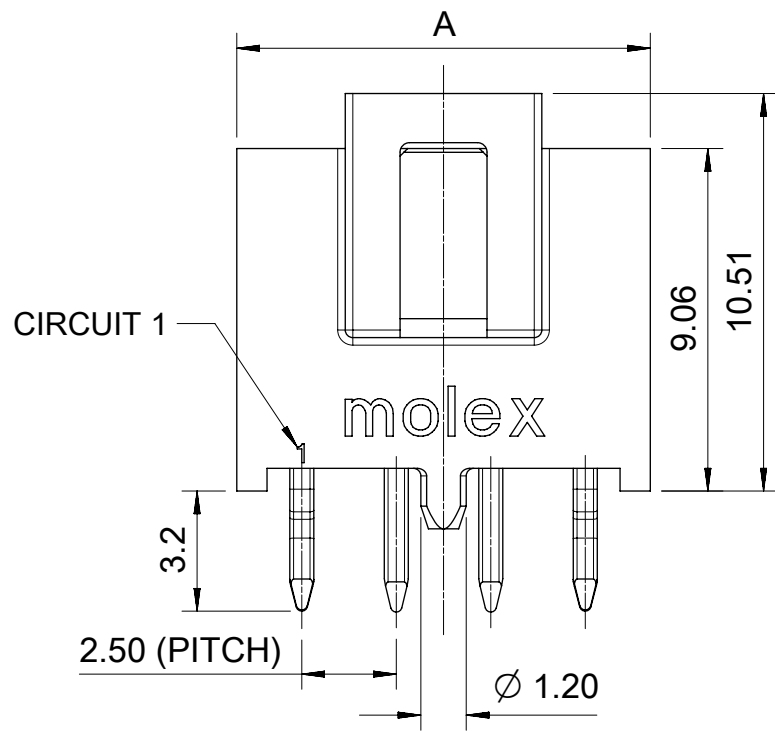
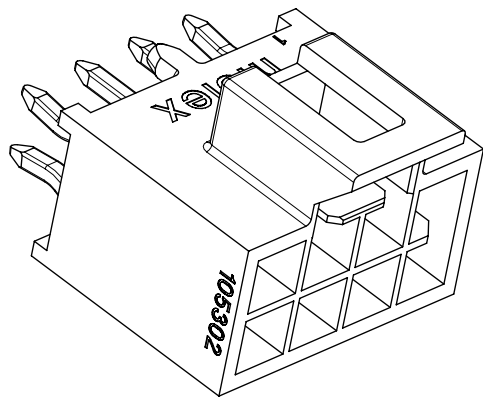


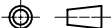


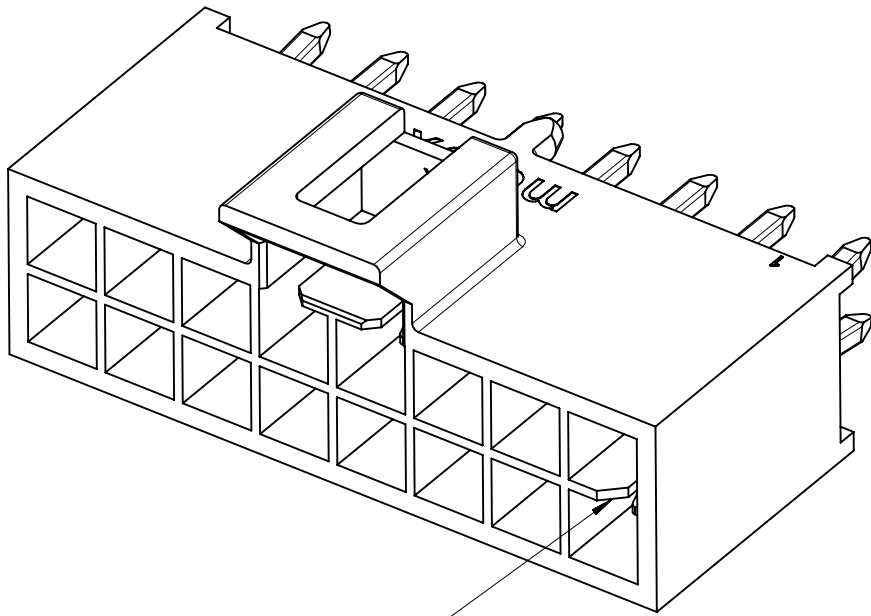
RECOMMENDED PCB(CONNECTOR SIDE VIEW)
THICKNESS=1.6 TO 2.4 MM



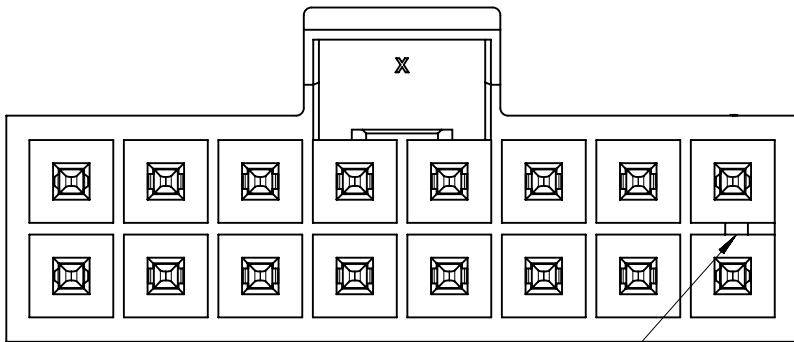
ONLY FOR CKT 6, 10, 14
OTHER DIMENSIONS REFER TO LEFT VIEWS.



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)				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			
0 PLACES		±		INITIAL REVISION:						DOC TYPE
DRWN: GLLI 2014/03/21				SD-105310-100			PSD	000	H1	
APPR: AYIN 2015/04/08				MATERIAL NUMBER			CUSTOMER			SHEET NUMBER
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	GENERAL MARKET		
				A3-SIZE		105310		1 OF 5		

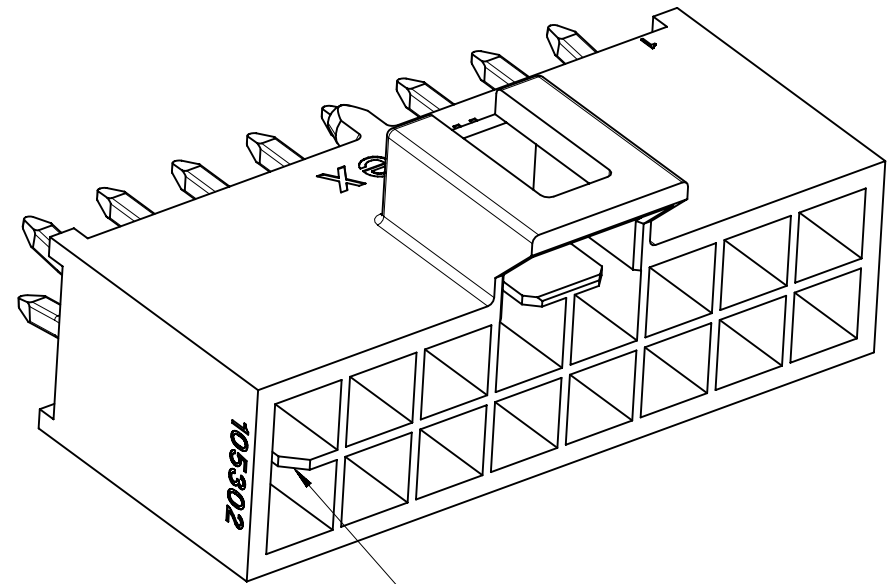


KEY A

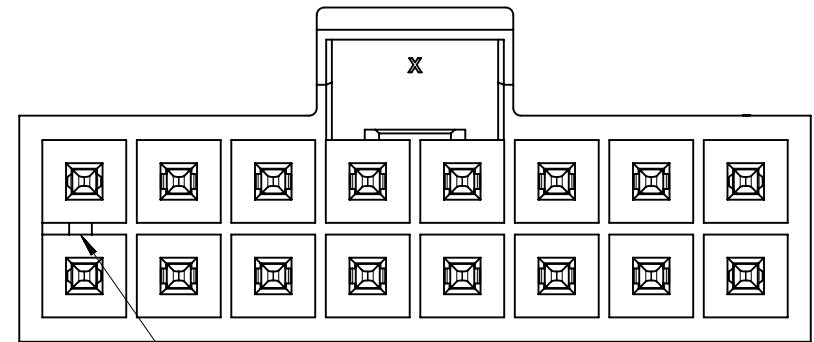


KEY A

BLACK



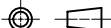
KEY B



KEY B

NATURAL

COLOR OPTION

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 INITIAL REVISION: DRWN: GLLI2014/03/21 APPR: AYIN2015/04/08				HEADER OF NANO-FIT, D/R, KINK, VERTICAL POWER CONNECTOR							
ANGULAR TOL ± 3.0 °								PRODUCT CUSTOMER DRAWING							
4 PLACES		±						DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
3 PLACES		± 0.1						SD-105310-100		PSD		000		H1	
2 PLACES		± 0.2													
1 PLACE		± 0.3													
0 PLACES		±													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER					
						A3-SIZE		105310		CUSTOMER					
										GENERAL MARKET					
										SHEET NUMBER					
										2 OF 5					

DOCUMENT STATUS	P1	RELEASE DATE	2023/05/25	00:11:27
-----------------	----	--------------	------------	----------

FORMAT: master-b-prod-A3
REVISION: J1
DATE: 2021/05/01

[illegible]

[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.

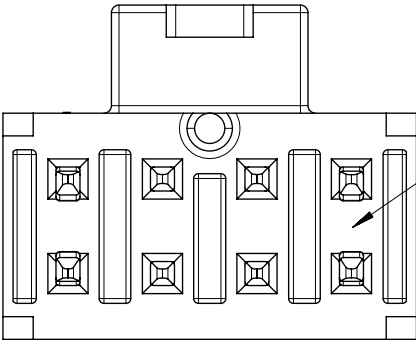
3> PRODUCT SPECIFICATION: PS-105300-100.
- 4> PACKAGE: TRAY, PK-105309-100.

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)											
ANGULAR TOL		±	3.0 °					HEADER OF NANO-FIT, D/R, KINK, VERTICAL POWER CONNECTOR			
4 PLACES		±									
3 PLACES		±	0.1					PRODUCT CUSTOMER DRAWING			
2 PLACES		±	0.2								
1 PLACE		±	0.3					INITIAL REVISION:			
0 PLACES		±									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
						A3-SIZE	105310	SD-105310-100	PSD	000	H1
								MATERIAL NUMBER	CUSTOMER		SHEET NUMBER
								GENERAL MARKET		5 OF 5	