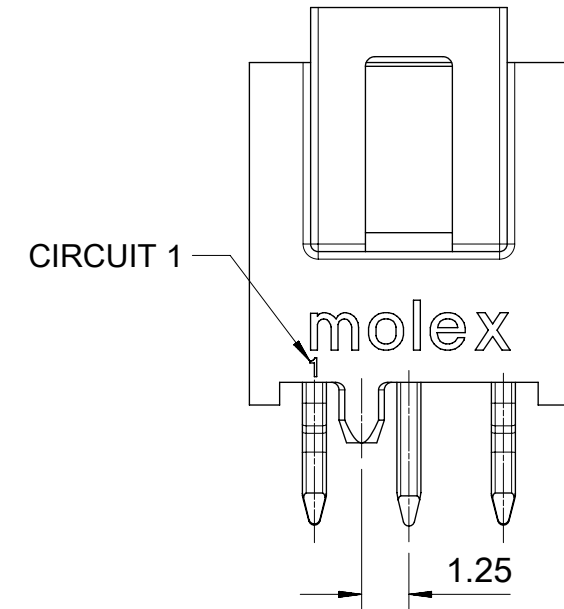
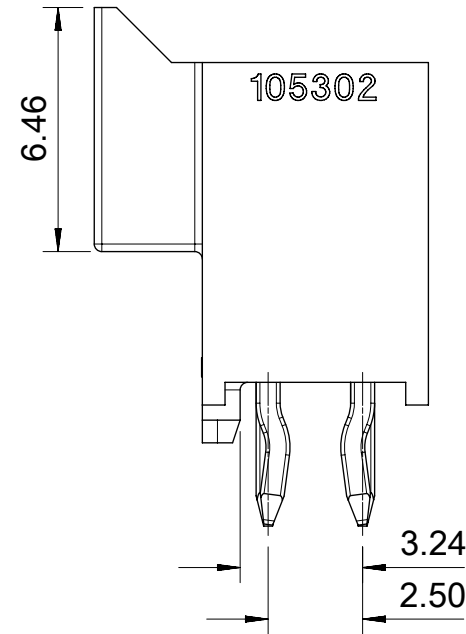
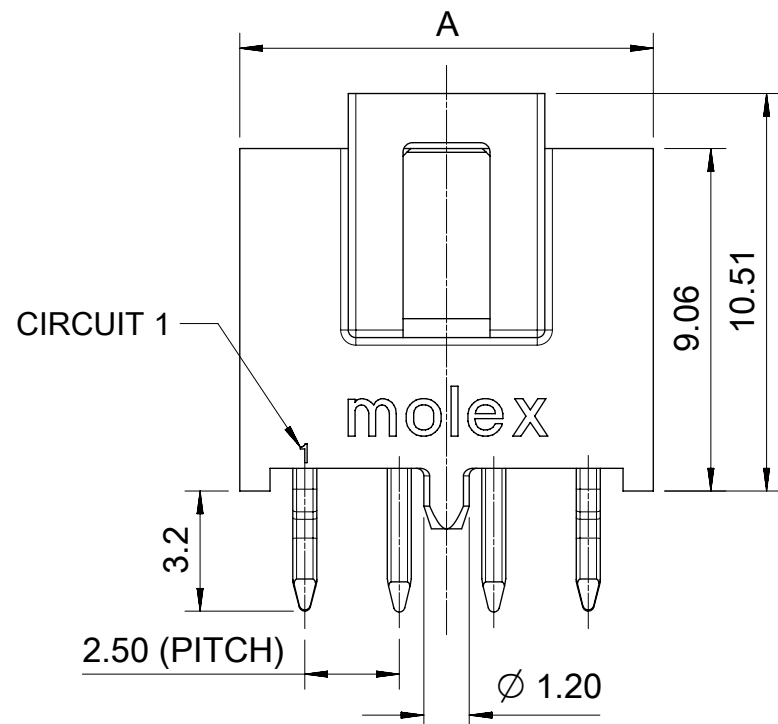
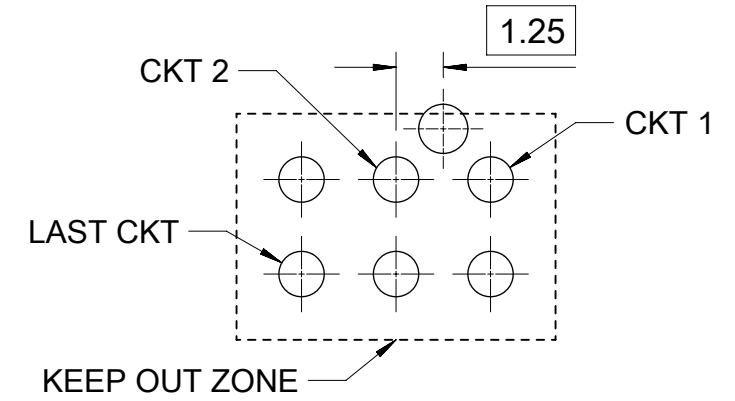
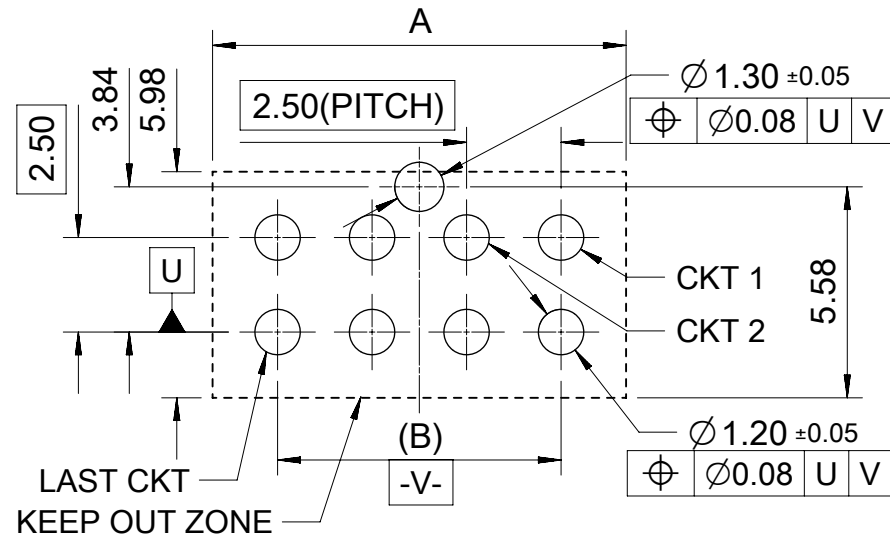
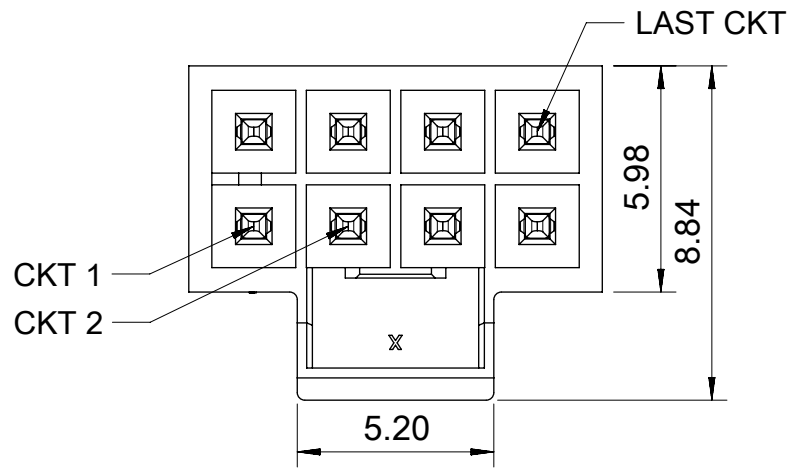
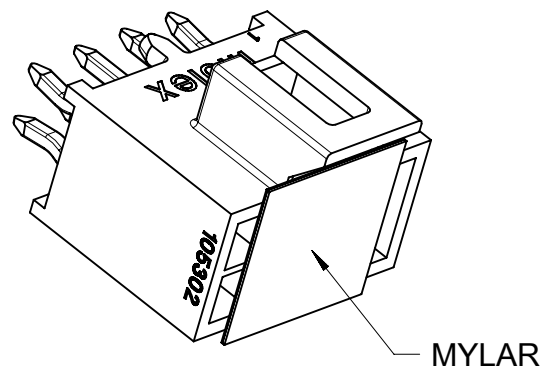




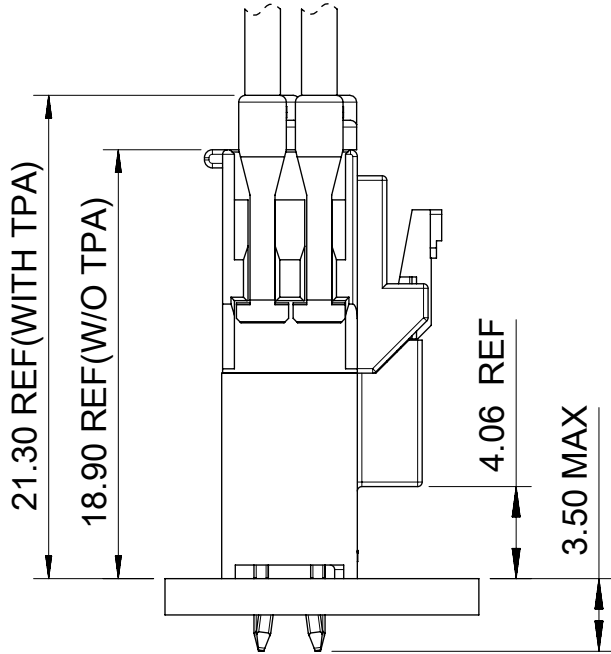
RECOMMENDED PCB(CONNECTOR SIDE VIEW)
THICKNESS=1.6 TO 2.4 MM

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

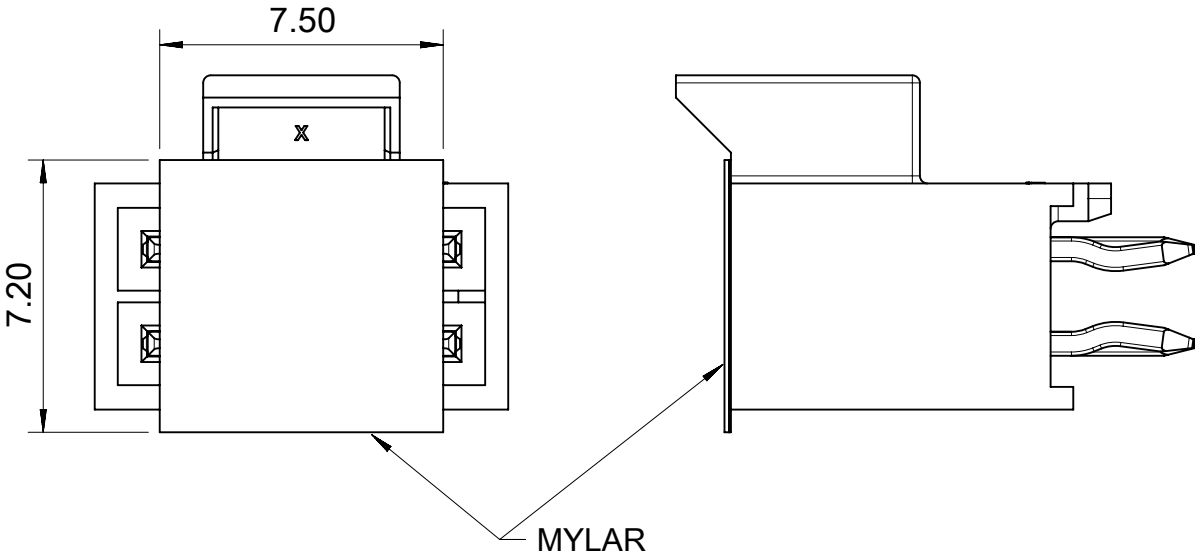


FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
	DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex			
	mm	5:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)											
ANGULAR TOL ± 3.0°											
4 PLACES		±									
DIVISIONAL SYMBOLS	3 PLACES		±	0.1	EC NO: 698973 DRWN: GLLI 2022/03/07 CHK'D: XQZHANG 2022/03/11 APPR: XQZHANG 2022/03/11 INITIAL REVISION: DRWN: GLLI 2019/09/24 APPR: YXZHENG 2020/03/16			HEADER OF NANO-FIT, D/R, KINK, VERTICAL POWER CONNECTOR			
	2 PLACES		±	0.2							
	1 PLACE		±	0.3				PRODUCT CUSTOMER DRAWING			
	0 PLACES		±								
								DOCUMENT NUMBER		DOC TYPE	DOC PART
				1053101000-SD		PSD	000	B1			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER	SHEET NUMBER
						A3-SIZE	105310			GENERAL MARKET	1 OF 5

10	9		8		7	
PART NUMBER	DIM 'A'	DIM 'B'	CKT SIZE	PLATING	MYLAR	
105310-3504	5.94	2.50	4	TIN	YES	
105310-3506	8.44	5.00	6			
105310-3508	10.94	7.50	8			
105310-3510	13.44	10.00	10			
105310-3512	15.94	12.50	12			
105310-3514	18.44	15.00	14			
105310-3516	20.94	17.50	16	GOLD 0.38		
105310-3704	5.94	2.50	4			
105310-3706	8.44	5.00	6			
105310-3708	10.94	7.50	8			
105310-3710	13.44	10.00	10			
105310-3712	15.94	12.50	12			
105310-3714	18.44	15.00	14			
105310-3716	20.94	17.50	16	GOLD 0.76		
105310-3604	5.94	2.50	4			
105310-3606	8.44	5.00	6			
105310-3608	10.94	7.50	8			
105310-3610	13.44	10.00	10			
105310-3612	15.94	12.50	12			
105310-3614	18.44	15.00	14	GOLD 0.76 + LUBE		
105310-3616	20.94	17.50	16			
105310-3804	5.94	2.50	4			
105310-3806	8.44	5.00	6			
105310-3808	10.94	7.50	8			
105310-3810	13.44	10.00	10			
105310-3812	15.94	12.50	12			
105310-3814	18.44	15.00	14			
105310-3816	20.94	17.50	16			
COLOR: BLACK						



4		3		2		1	
PART NUMBER		DIM 'A'	DIM 'B'	CKT SIZE	PLATING	MYLAR	
105310-4504		5.94	2.50	4	TIN	YES	
105310-4506		8.44	5.00	6			
105310-4508		10.94	7.50	8			
105310-4510		13.44	10.00	10			
105310-4512		15.94	12.50	12			
105310-4514		18.44	15.00	14			
105310-4516		20.94	17.50	16			
105310-4704		5.94	2.50	4	GOLD 0.38		
105310-4706		8.44	5.00	6			
105310-4708		10.94	7.50	8			
105310-4710		13.44	10.00	10			
105310-4712		15.94	12.50	12			
105310-4714		18.44	15.00	14			
105310-4716		20.94	17.50	16			
105310-4604		5.94	2.50	4	GOLD 0.76		
105310-4606		8.44	5.00	6			
105310-4608		10.94	7.50	8			
105310-4610		13.44	10.00	10			
105310-4612		15.94	12.50	12			
105310-4614		18.44	15.00	14			
105310-4616		20.94	17.50	16			
105310-4804		5.94	2.50	4	GOLD 0.76 + LUBE		
105310-4806		8.44	5.00	6			
105310-4808		10.94	7.50	8			
105310-4810		13.44	10.00	10			
105310-4812		15.94	12.50	12			
105310-4814		18.44	15.00	14			
105310-4816		20.94	17.50	16			
COLOR: NATURAL							



FUNCTIONAL SYMBOLS FA= 0 FE= 0 FE= 0 DIVISIONAL SYMBOLS	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: 698973
DRWN: GLLI
CHK'D: XQZHANG
APPR: XQZHANG

2022/03/07
2022/03/11
2022/03/11

INITIAL REVISION:
DRWN: GLLI
APPR: YXZHENG

2019/09/24
2020/03/16

DOCUMENT NUMBER

DOC TYPE

DOC PART

REVISION

1053101000-SD

PSD

000

B1

GENERAL MARKET

3 OF 5

molex

HEADER OF NANO-FIT, D/R, KINK, VERTICAL POWER CONNECTOR

PRODUCT CUSTOMER DRAWING

A3-SIZE

105310

[illegible]

NOTES FOR ALL PARTS

- 1> MATERIAL:
HOUSING: LCP, UL 94V-0; TERMINAL: BRASS.

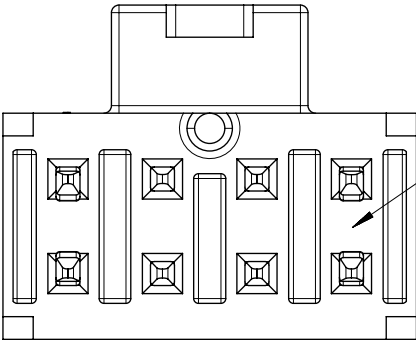
2> PLATING FINISHED:
TERMINAL:
CONTACT AREA: a. REFLOW MATTE TIN 1.5MICRONS MIN;
b. GOLD 0.38 MICRONS MIN;
c. GOLD 0.76 MICRONS MIN.
SOLDER AREA: MATTE TIN 1.5 MICRONS MIN, UNDER PLATING NICKEL 1.25 MICRONS MIN.
- 3> PRODUCT SPECIFICATION: PS-105300-100.

4> PACKAGE: TAPE REEL, 1053101000-PK.

5> PRODUCT MATE WITH SERIES OF 105308(RECEPTACLE), 105300(CRIMP TERMINAL).

6> PARTS CONFORM TO CLASS 'B'REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

7> 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.

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
FA= 0 FE= 0 FP= 0		DIMENSION UNITS		SCALE		CURRENT REV DESC: EC NO: 698973 DRWN: GLLI2022/03/07 CHK'D: XQZHANG2022/03/11 APPR: XQZHANG2022/03/11 INITIAL REVISION: DRWN: GLLI2019/09/24 APPR: YXZHENG2020/03/16											
		mm		1:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)																	
ANGULAR TOL ± 3.0 °																	
DIVISIONAL SYMBOLS		4 PLACES		±		DOCUMENT NUMBER 1053101000-SD											
		3 PLACES		± 0.1								DOC TYPE		DOC PART		REVISION	
		2 PLACES		± 0.2								PSD		000		B1	
		1 PLACE		± 0.3								MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
		0 PLACES		±								GENERAL MARKET		5 OF 5			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION				DRAWING		SERIES									
						A3-SIZE		105310									