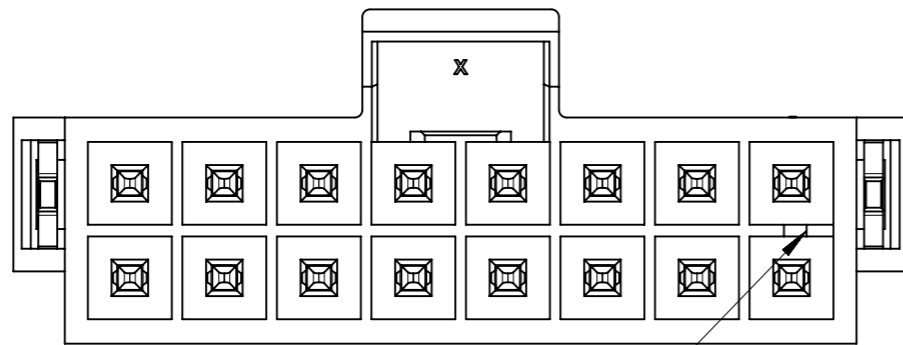


RECOMMENDED PCB(CONNECTOR SIDE VIEW)
THICKNESS=1.6 TO 2.4 MM

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex
	△/A = 0	mm	SCALE 5:1		
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 697101		HEADER OF NANO-FIT, D/R, CLIP, VERTICAL POWER CONNECTOR
	△/E = 0	ANGULAR TOL ± 3.0°		DRWN: GLLI 2022/02/24	
DIVISIONAL SYMBOLS	4 PLACES	±	0.1	CHK'D: XQZHANG 2022/02/25	PRODUCT CUSTOMER DRAWING
	2 PLACES	±	0.2	APPR: XQZHANG 2022/02/25	
	1 PLACE	±	0.3	INITIAL REVISION:	DOCUMENT NUMBER
	0 PLACES	±		DRWN: GLLI 2019/09/24	1053121000-SD
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER
			A3-SIZE	105312	CUSTOMER
				GENERAL MARKET	DOC TYPE DOC PART REVISION
					PSD 000 B1
					SHEET NUMBER
					1 OF 5

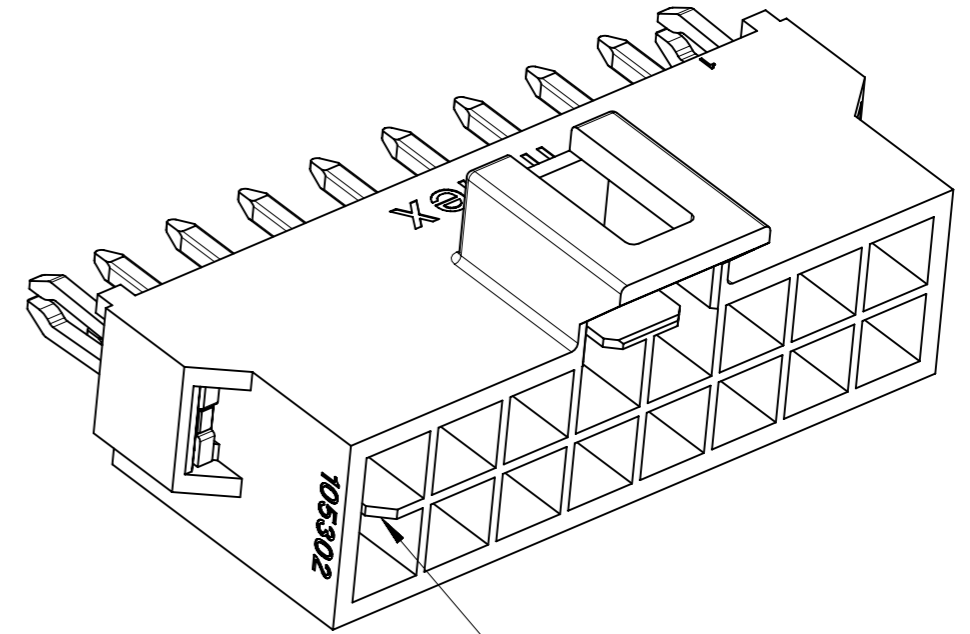


KEY A

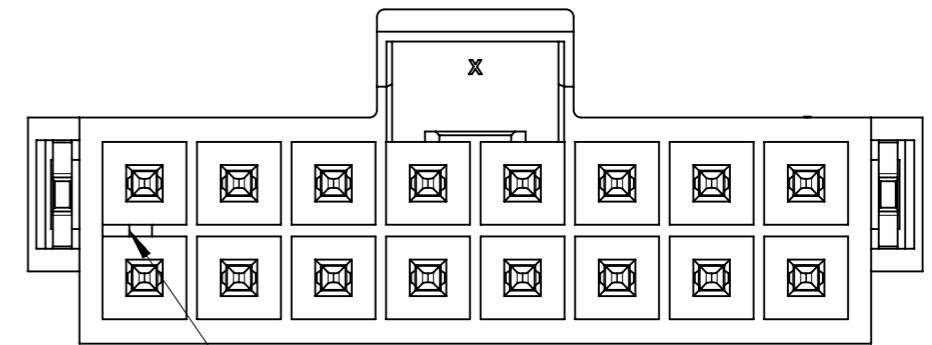


KEY A

BLACK



KEY B



KEY B

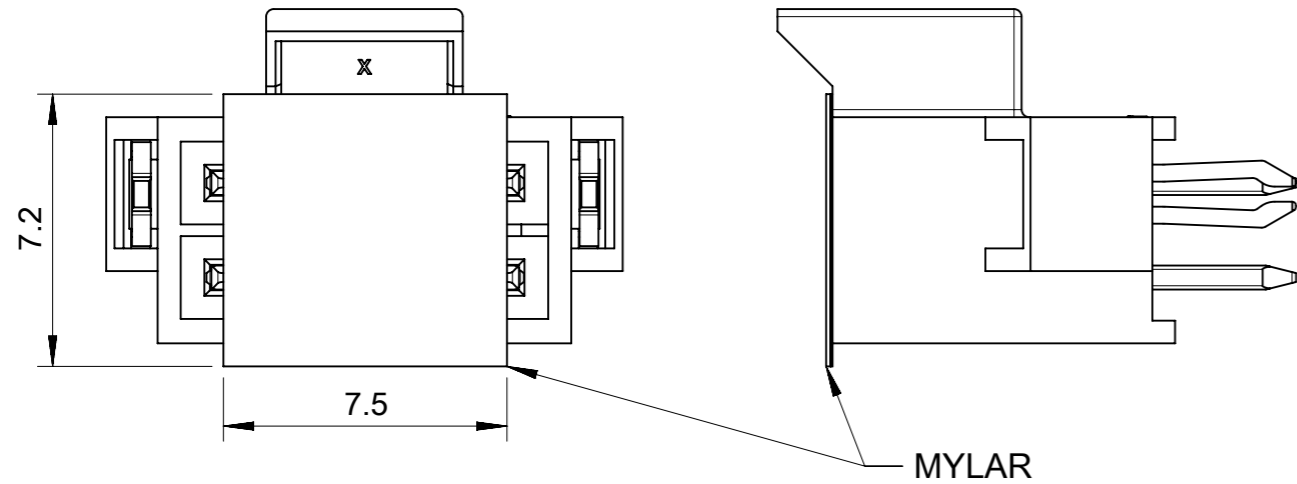
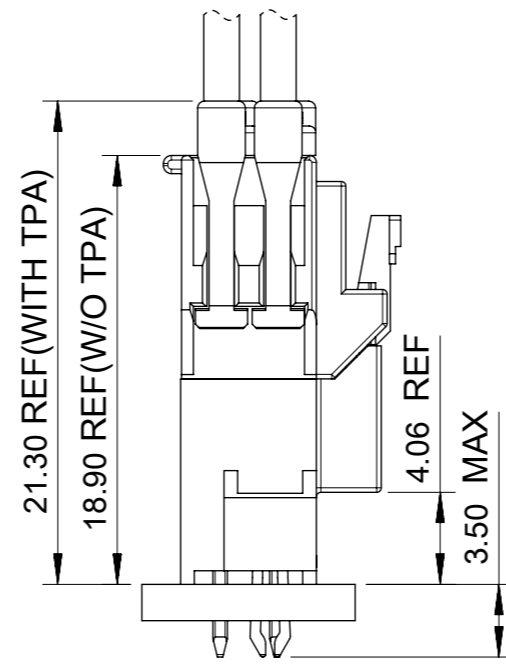
NATURAL

COLOR OPTION

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex			
	▽A = 0	mm						SCALE 5:1
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 697101 DRWN: GLLI CHK'D: XQZHANG APPR: XQZHANG INITIAL REVISION: DRWN: GLLI APPR: YXZHENG		HEADER OF NANO-FIT, D/R, CLIP, VERTICAL POWER CONNECTOR			
	▽E = 0	ANGULAR TOL ± 3.0°						
	▽F = 0	4 PLACES ±			2022/02/24	PRODUCT CUSTOMER DRAWING		
		3 PLACES ± 0.1			2022/02/25			
		2 PLACES ± 0.2			2022/02/25	DOCUMENT NUMBER		
	1 PLACE ± 0.3	2019/09/24	1053121000-SD	DOC TYPE	DOC PART	REVISION		
	0 PLACES ±	2020/03/16		PSD	000	B1		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
			A3-SIZE	105312		GENERAL MARKET	2 OF 5	

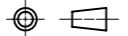
	10	9	8	7	6	5	4	3	2	1
	PART NUMBER	DIM 'A'	DIM 'B'	DIM 'C'	CKT SIZE	PLATING	MYLAR			
F	105312-3504	8.66	5.94	6.84	4	TIN				
	105312-3506	11.16	8.44	9.34	6					
	105312-3508	13.66	10.94	11.84	8					
	105312-3510	16.16	13.44	14.34	10					
E	105312-3512	18.66	15.94	16.84	12	GOLD 0.38				
	105312-3514	21.16	18.44	19.34	14					
	105312-3516	23.66	20.94	21.84	16					
	105312-3704	8.66	5.94	6.84	4					
D	105312-3706	11.16	8.44	9.34	6	GOLD 0.76	YES			
	105312-3708	13.66	10.94	11.84	8					
	105312-3710	16.16	13.44	14.34	10					
	105312-3712	18.66	15.94	16.84	12					
C	105312-3714	21.16	18.44	19.34	14	GOLD 0.76 + LUBE				
	105312-3716	23.66	20.94	21.84	16					
	105312-3604	8.66	5.94	6.84	4					
	105312-3606	11.16	8.44	9.34	6					
B	105312-3608	13.66	10.94	11.84	8	GOLD 0.76 + LUBE				
	105312-3610	16.16	13.44	14.34	10					
	105312-3612	18.66	15.94	16.84	12					
	105312-3614	21.16	18.44	19.34	14					
A	105312-3616	23.66	20.94	21.84	16	GOLD 0.76 + LUBE				
	105312-3804	8.66	5.94	6.84	4					
	105312-3806	11.16	8.44	9.34	6					
	105312-3808	13.66	10.94	11.84	8					
	105312-3810	16.16	13.44	14.34	10	GOLD 0.76 + LUBE				
	105312-3812	18.66	15.94	16.84	12					
	105312-3814	21.16	18.44	19.34	14					
	105312-3816	23.66	20.94	21.84	16					
COLOR: BLACK										

	10	9	8	7	6	5	4	3	2	1
	PART NUMBER	DIM 'A'	DIM 'B'	DIM 'C'	CKT SIZE	PLATING	MYLAR			
F	105312-4504	8.66	5.94	6.84	4	TIN				
	105312-4506	11.16	8.44	9.34	6					
	105312-4508	13.66	10.94	11.84	8					
	105312-4510	16.16	13.44	14.34	10					
E	105312-4512	18.66	15.94	16.84	12	GOLD 0.38				
	105312-4514	21.16	18.44	19.34	14					
	105312-4516	23.66	20.94	21.84	16					
	105312-4704	8.66	5.94	6.84	4					
D	105312-4706	11.16	8.44	9.34	6	GOLD 0.76	YES			
	105312-4708	13.66	10.94	11.84	8					
	105312-4710	16.16	13.44	14.34	10					
	105312-4712	18.66	15.94	16.84	12					
C	105312-4714	21.16	18.44	19.34	14	GOLD 0.76 + LUBE				
	105312-4716	23.66	20.94	21.84	16					
	105312-4604	8.66	5.94	6.84	4					
	105312-4606	11.16	8.44	9.34	6					
B	105312-4608	13.66	10.94	11.84	8	GOLD 0.76 + LUBE				
	105312-4610	16.16	13.44	14.34	10					
	105312-4612	18.66	15.94	16.84	12					
	105312-4614	21.16	18.44	19.34	14					
A	105312-4616	23.66	20.94	21.84	16	GOLD 0.76 + LUBE				
	105312-4804	8.66	5.94	6.84	4					
	105312-4806	11.16	8.44	9.34	6					
	105312-4808	13.66	10.94	11.84	8					
	105312-4810	16.16	13.44	14.34	10	GOLD 0.76 + LUBE				
	105312-4812	18.66	15.94	16.84	12					
	105312-4814	21.16	18.44	19.34	14					
	105312-4816	23.66	20.94	21.84	16					
COLOR: NATURAL										



FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:										
	DIMENSION UNITS	SCALE							HEADER OF NANO-FIT, D/R, CLIP, VERTICAL POWER CONNECTOR				
	mm	5:1							PRODUCT CUSTOMER DRAWING				
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 697101		2022/02/24		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
ANGULAR TOL ± 3.0°		DRWN: GLLI		2022/02/25		1053121000-SD		PSD		000		B1	
4 PLACES ±		CHK'D: XQZHANG		2022/02/25		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
3 PLACES ± 0.1		APPR: XQZHANG		2022/02/25		105312		GENERAL MARKET		3 OF 5			
2 PLACES ± 0.2		INITIAL REVISION:		2019/09/24									
1 PLACE ± 0.3		DRWN: GLLI		2020/03/16									
0 PLACES ±		APPR: YXZHENG											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		CUSTOMER		SHEET NUMBER			
				A3-SIZE		105312		GENERAL MARKET		3 OF 5			

		4 CKT	6 CKT	8 CKT	10 CKT
F	BLACK				
E	NATURAL				
		12 CKT	14 CKT	16 CKT	
D	BLACK				
C	NATURAL				

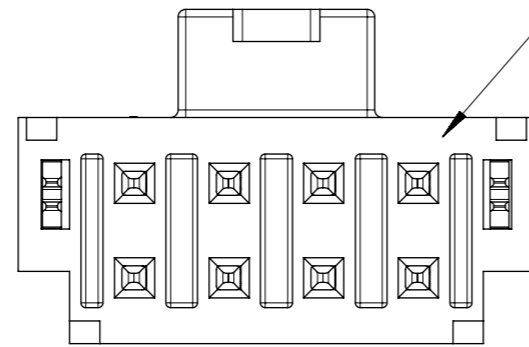
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex						
	$\nabla_A = 0$ $\nabla_E = 0$ $\nabla_V = 0$	DIMENSION UNITS: mm SCALE: 3:1 GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL $\pm 3.0^\circ$						EC NO: 697101 DRWN: GLLI APPR: XQZHANG INITIAL REVISION: DRWN: GLLI APPR: YXZHENG	2022/02/24 2022/02/25 2022/02/25 2019/09/24 2020/03/16	HEADER OF NANO-FIT, D/R, CLIP, VERTICAL POWER CONNECTOR PRODUCT CUSTOMER DRAWING	
DIVISIONAL SYMBOLS	4 PLACES \pm 3 PLACES ± 0.1 2 PLACES ± 0.2 1 PLACE ± 0.3 0 PLACES \pm	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 	DRAWING: A3-SIZE	SERIES: 105312	DOCUMENT NUMBER: 1053121000-SD	DOC TYPE: PSD	DOC PART: 000	REVISION: B1	SHEET NUMBER: 4 OF 5

NOTES FOR ALL PARTS

1> MATERIAL:
 HOUSING: LCP, UL 94V-0.
 TERMINAL: BRASS.
 SOLDER CLIP: 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.
 SOLDER CLIP: MATTE TIN 2.5 MICRONS MIN, UNDER PLATING NICKEL 1.25
 MICRONS MIN.

3> PRODUCT SPECIFICATION: PS-105300-100.
 4> PACKAGE: TAPE REEL, 1053121000-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		CURRENT REV DESC:		molex					
	△/A = 0	mm							SCALE 1:1	HEADER OF NANO-FIT, D/R, CLIP, VERTICAL POWER CONNECTOR
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 697101 DRWN: GLLI 2022/02/24 CHK'D: XQZHANG 2022/02/25 APPR: XQZHANG 2022/02/25		PRODUCT CUSTOMER DRAWING					
	△/E = 0	ANGULAR TOL ± 3.0°			INITIAL REVISION:		DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
	△/F = 0	4 PLACES ±			DRWN: GLLI 2019/09/24		1053121000-SD	PSD	000	B1
		3 PLACES ± 0.1			APPR: YXZHENG 2020/03/16					
		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			
			A3-SIZE	105312		GENERAL MARKET	5 OF 5			