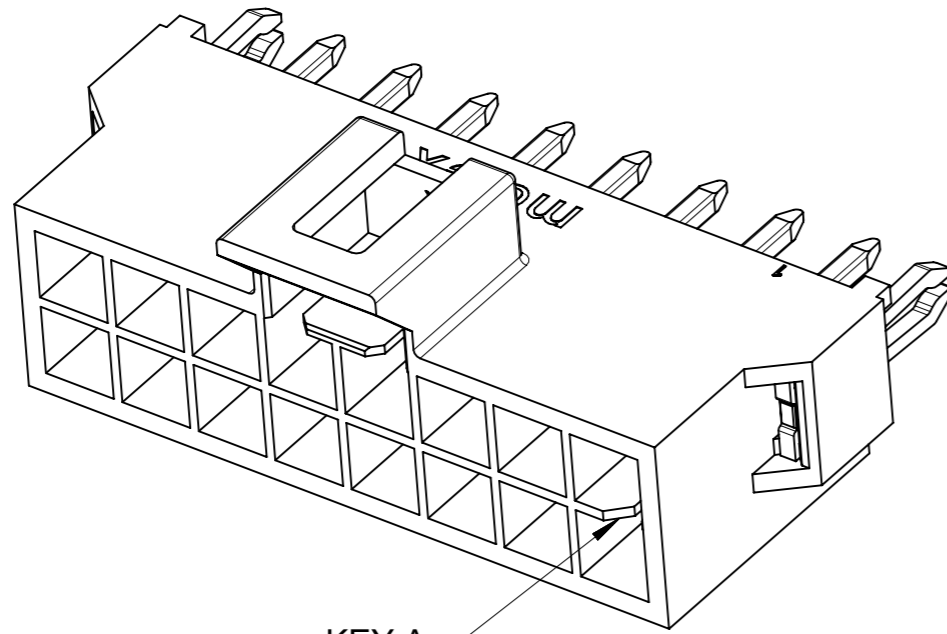
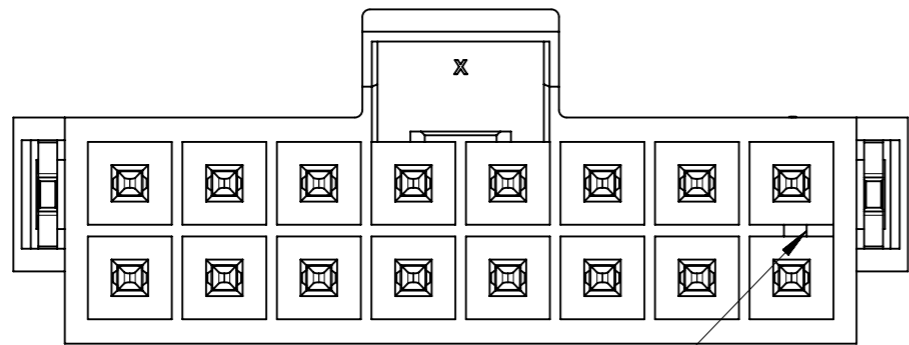


RECOMMENDED PCB(CONNECTOR SIDE VIEW)  
THICKNESS=1.6 TO 2.4 MM

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:		<b>molex</b>
	$\nabla_A = 0$ $\nabla_B = 0$ $\nabla_C = 0$	DIMENSION UNITS: <b>mm</b> SCALE: <b>5:1</b>	EC NO: 697101 DRWN: GLLI CHK'D: XQZHANG APPR: XQZHANG		
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		INITIAL REVISION:		DOCUMENT NUMBER: <b>1053121000-SD</b> DOC TYPE: PSD DOC PART: 000 REVISION: <b>B1</b>
	ANGULAR TOL ± 3.0°		DRWN: GLLI APPR: YXZHENG		
	4 PLACES ±	3 PLACES ± 0.1	2019/09/24 2020/03/16		
	2 PLACES ± 0.2	1 PLACE ± 0.3	MATERIAL NUMBER: <b>105312</b> CUSTOMER: <b>GENERAL MARKET</b>		
0 PLACES ±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING: <b>A3-SIZE</b>	SHEET NUMBER: <b>1 OF 5</b>

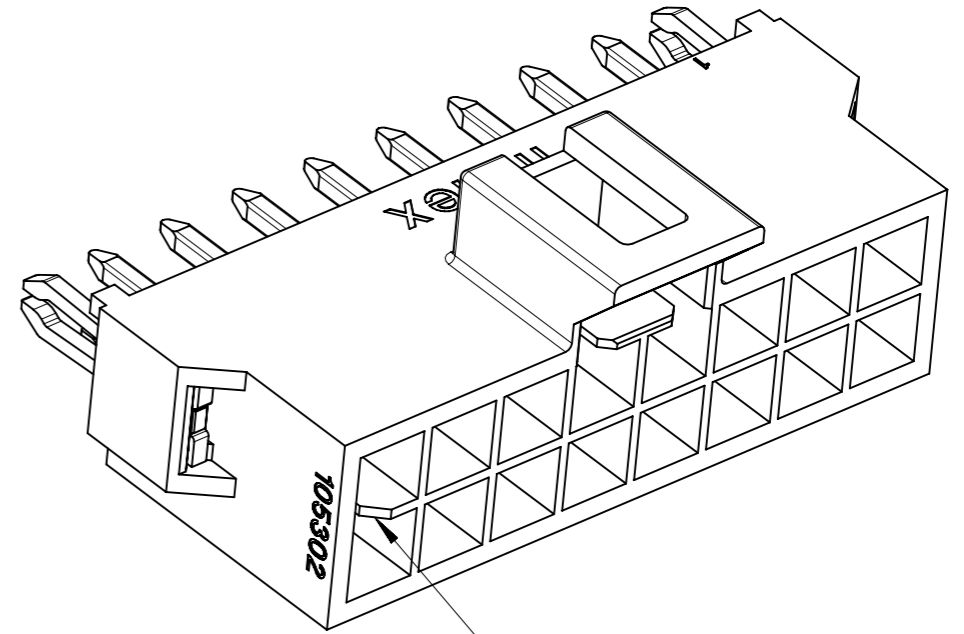


KEY A

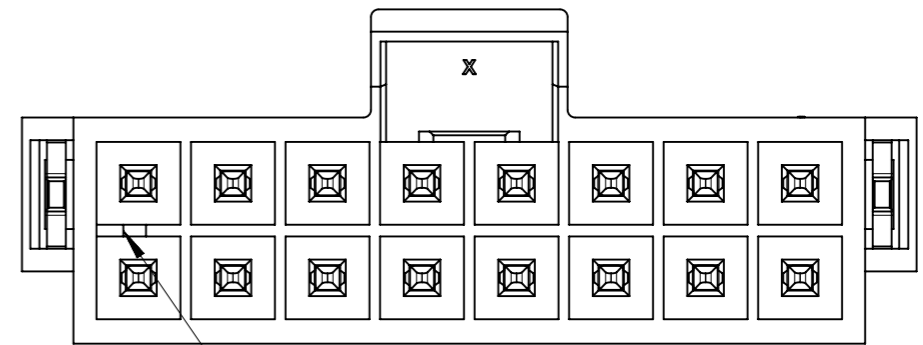


KEY A

BLACK



KEY B



KEY B

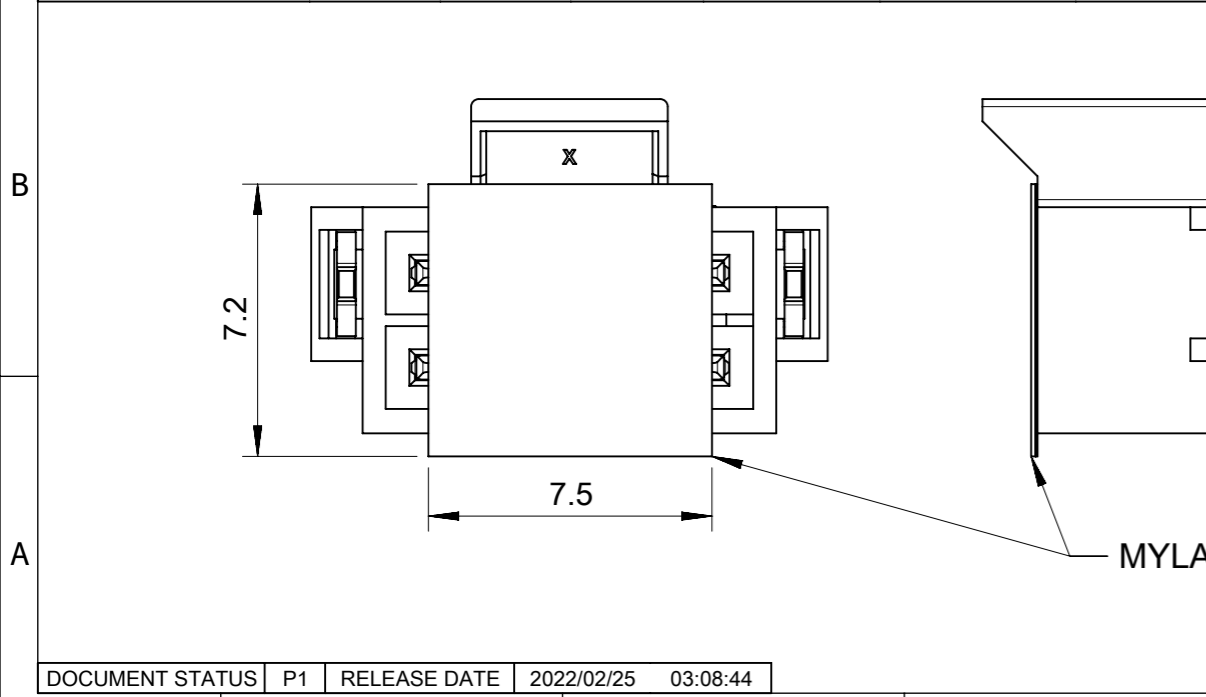
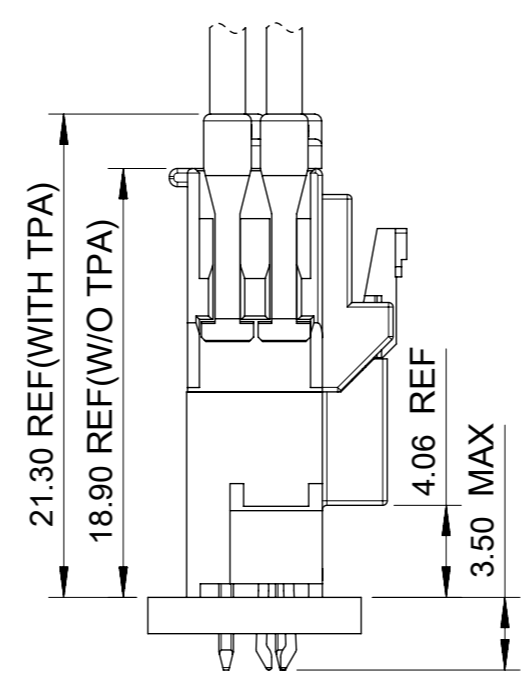
NATURAL

COLOR OPTION

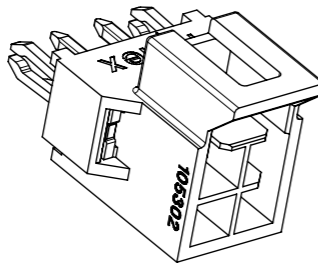
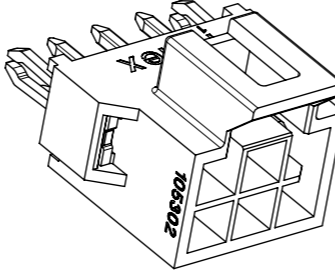
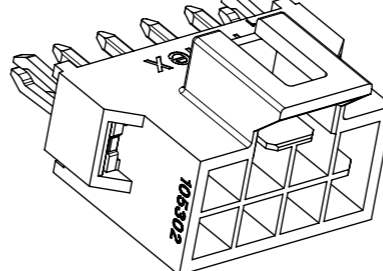
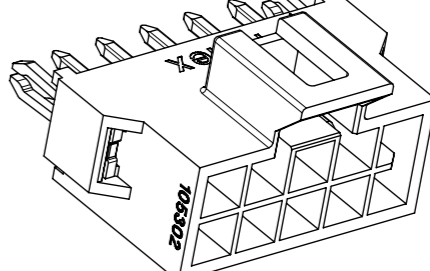
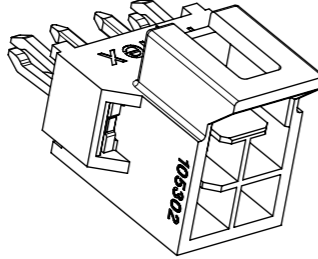
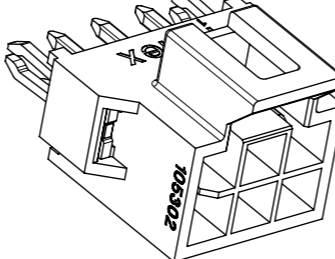
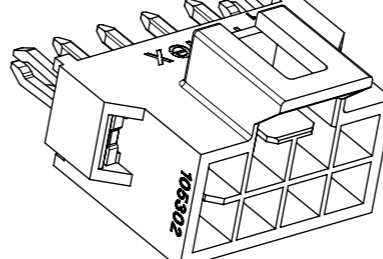
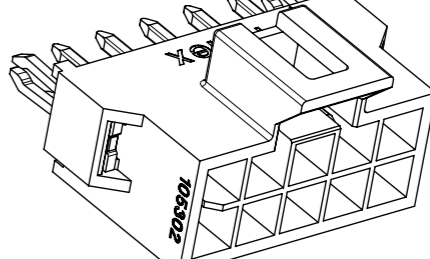
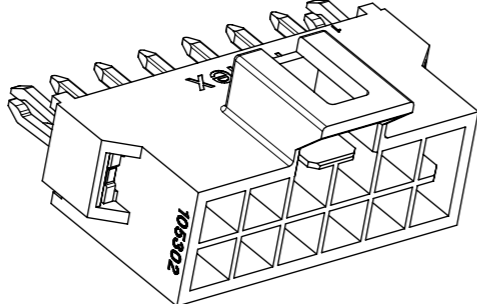
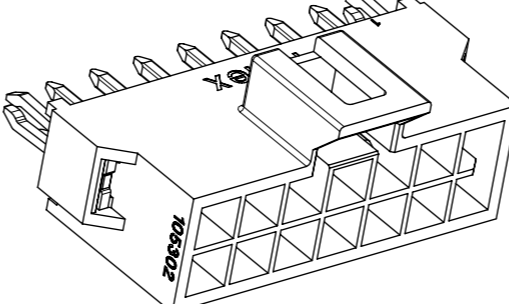
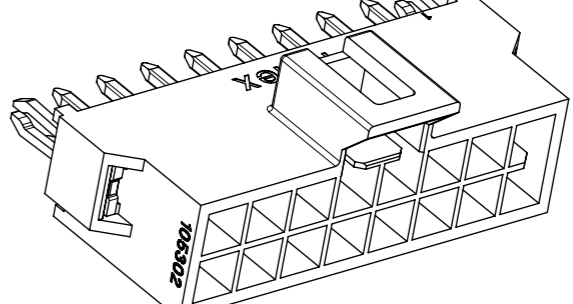
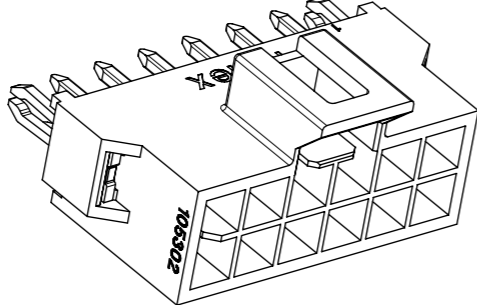
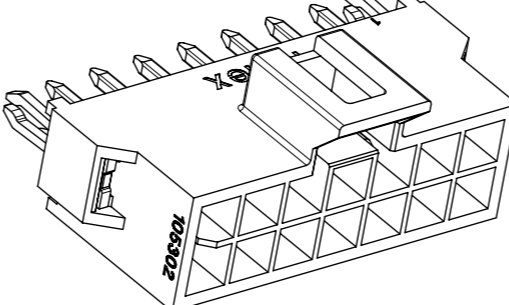
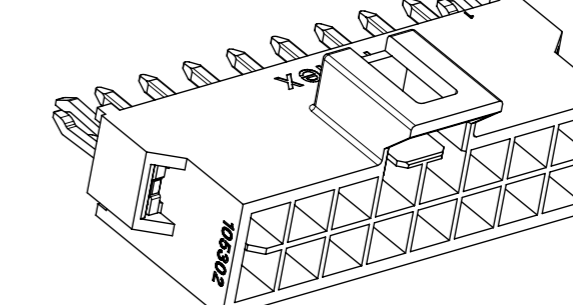
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		<b>molex</b>				
	▽A = 0	mm						SCALE 5:1	
▽E = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 697101 DRWN: GLLI 2022/02/24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





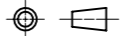
DOCUMENT STATUS	P1	RELEASE DATE	2022/02/25	03:08:44
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PART NUMBER	DIM 'A'	DIM 'B'	DIM 'C'	CKT SIZE	PLATING	MYLAR	PART NUMBER	DIM 'A'	DIM 'B'	DIM 'C'	CKT SIZE	PLATING	MYLAR												
105312-3504	8.66	5.94	6.84	4	TIN	YES	105312-4504	8.66	5.94	6.84	4	TIN													
105312-3506	11.16	8.44	9.34	6			105312-4506	11.16	8.44	9.34	6														
105312-3508	13.66	10.94	11.84	8			105312-4508	13.66	10.94	11.84	8														
105312-3510	16.16	13.44	14.34	10			105312-4510	16.16	13.44	14.34	10														
105312-3512	18.66	15.94	16.84	12			105312-4512	18.66	15.94	16.84	12														
105312-3514	21.16	18.44	19.34	14			105312-4514	21.16	18.44	19.34	14														
105312-3516	23.66	20.94	21.84	16	105312-4516		23.66	20.94	21.84	16															
105312-3704	8.66	5.94	6.84	4	GOLD 0.38		105312-4704	8.66	5.94	6.84	4	GOLD 0.38													
105312-3706	11.16	8.44	9.34	6			105312-4706	11.16	8.44	9.34	6														
105312-3708	13.66	10.94	11.84	8			105312-4708	13.66	10.94	11.84	8														
105312-3710	16.16	13.44	14.34	10			105312-4710	16.16	13.44	14.34	10														
105312-3712	18.66	15.94	16.84	12			105312-4712	18.66	15.94	16.84	12														
105312-3714	21.16	18.44	19.34	14			105312-4714	21.16	18.44	19.34	14														
105312-3716	23.66	20.94	21.84	16	GOLD 0.76		105312-4716	23.66	20.94	21.84	16	GOLD 0.76													
105312-3604	8.66	5.94	6.84	4			105312-4604	8.66	5.94	6.84	4														
105312-3606	11.16	8.44	9.34	6			105312-4606	11.16	8.44	9.34	6														
105312-3608	13.66	10.94	11.84	8			105312-4608	13.66	10.94	11.84	8														
105312-3610	16.16	13.44	14.34	10			105312-4610	16.16	13.44	14.34	10														
105312-3612	18.66	15.94	16.84	12		105312-4612	18.66	15.94	16.84	12															
105312-3614	21.16	18.44	19.34	14	GOLD 0.76 + LUBE	105312-4614	21.16	18.44	19.34	14	GOLD 0.76 + LUBE														
105312-3616	23.66	20.94	21.84	16		105312-4616	23.66	20.94	21.84	16															
105312-3804	8.66	5.94	6.84	4		105312-4804	8.66	5.94	6.84	4															
105312-3806	11.16	8.44	9.34	6		105312-4806	11.16	8.44	9.34	6															
105312-3808	13.66	10.94	11.84	8		105312-4808	13.66	10.94	11.84	8															
105312-3810	16.16	13.44	14.34	10		105312-4810	16.16	13.44	14.34	10															
105312-3812	18.66	15.94	16.84	12	GOLD 0.76 + LUBE	105312-4812	18.66	15.94	16.84	12	GOLD 0.76 + LUBE														
105312-3814	21.16	18.44	19.34	14		105312-4814	21.16	18.44	19.34	14															
105312-3816	23.66	20.94	21.84	16		105312-4816	23.66	20.94	21.84	16															
COLOR: BLACK													COLOR: NATURAL												



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																			
FUNCTIONAL SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC:													
▽A = 0		mm		5:1		<div style="text-align: center; font-weight: bold; font-size: 1.2em;">molex</div> <p>HEADER OF NANO-FIT, D/R, CLIP, VERTICAL POWER CONNECTOR</p> <p>PRODUCT CUSTOMER DRAWING</p>													
▽E = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)											EC NO: 697101 DRWN: GLLI CHK'D: XQZHANG APPR: XQZHANG						
▽F = 0		ANGULAR TOL ± 3.0°											2022/02/24 2022/02/25 2022/02/25						
DIVISIONAL SYMBOLS		4 PLACES ±		± 0.1		INITIAL REVISION:													
		3 PLACES ±		± 0.2		DRWN: GLLI													
		2 PLACES ±		± 0.3		APPR: YXZHENG													
		1 PLACE ±		±		2019/09/24													
		0 PLACES ±				2020/03/16													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER							
						A3-SIZE		105312		1053121000-SD		GENERAL MARKET							
										PSD		000 B1							
										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				

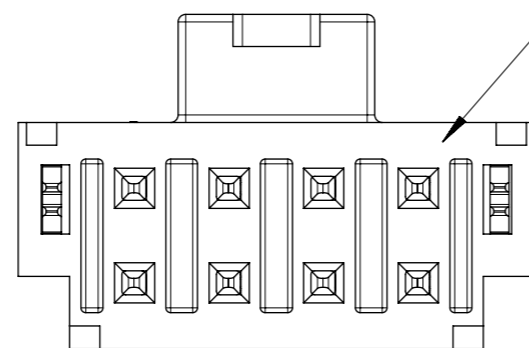
<b>FUNCTIONAL SYMBOLS</b>  = 0  = 0  = 0 <b>DIVISIONAL SYMBOLS</b>	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION DIMENSION UNITS: <b>mm</b> SCALE: <b>3:1</b> GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL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

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:		<b>molex</b>						
	△/A = 0	mm							SCALE 1:1		
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		HEADER OF NANO-FIT, D/R, CLIP, VERTICAL POWER CONNECTOR						
	△/E = 0	ANGULAR TOL ± 3.0 °			PRODUCT CUSTOMER DRAWING						
	△/F = 0	4 PLACES ±			INITIAL REVISION: DRWN: GLLI 2019/09/24 APPR: YXZHENG 2020/03/16		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
		3 PLACES ± 0.1					1053121000-SD		PSD	000	B1
		2 PLACES ± 0.2					MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
	1 PLACE ± 0.3	A3-SIZE 105312		GENERAL MARKET			5 OF 5				
	0 PLACES ±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION							