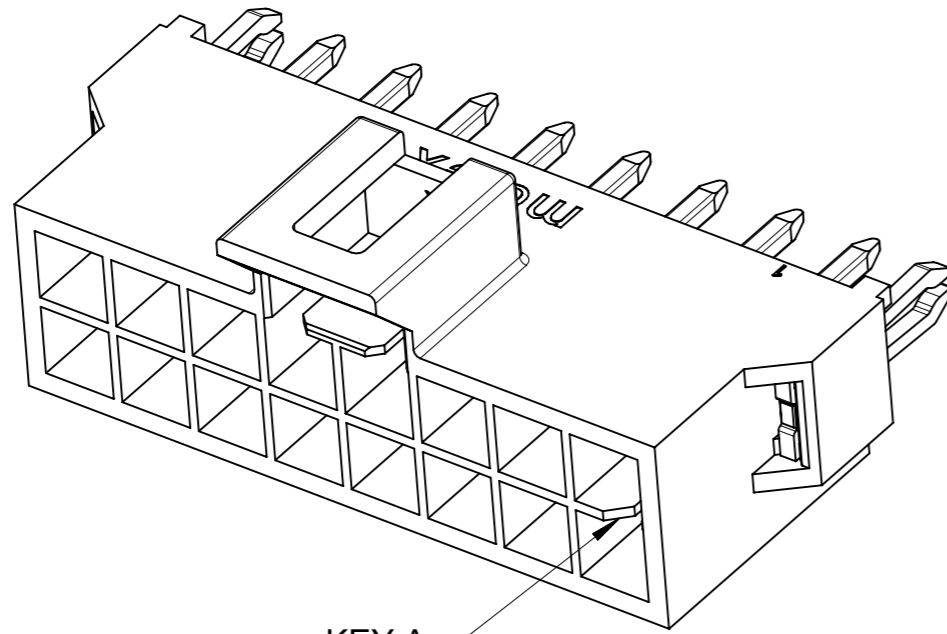
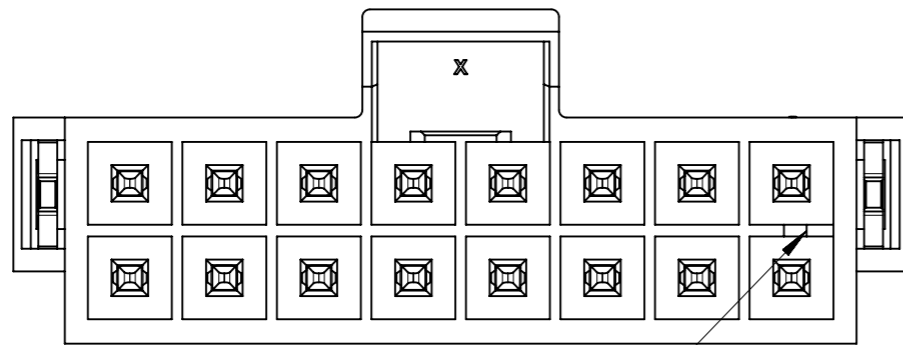


RECOMMENDED PCB(CONNECTOR SIDE VIEW)  
THICKNESS=1.6 TO 2.4 MM

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>	
	GENERAL TOLERANCES (UNLESS SPECIFIED)	ANGULAR TOL $\pm 3.0^\circ$	EC NO: 697101	2022/02/24		HEADER OF NANO-FIT, D/R, CLIP, VERTICAL POWER CONNECTOR
DIVISIONAL SYMBOLS	4 PLACES $\pm$	3 PLACES $\pm 0.1$	DRWN: GLLI	2022/02/25	PRODUCT CUSTOMER DRAWING	
	2 PLACES $\pm 0.2$	1 PLACE $\pm 0.3$	APP'R: XQZHANG	2022/02/25		DOCUMENT NUMBER
	0 PLACES $\pm$	INITIAL REVISION:	DRWN: GLLI	2019/09/24	1053121000-SD	DOC TYPE
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	APP'R: YXZHENG	2020/03/16	GENERAL MARKET	DOC PART
					REVISION	
					B1	
					SHEET NUMBER	
					1 OF 5	

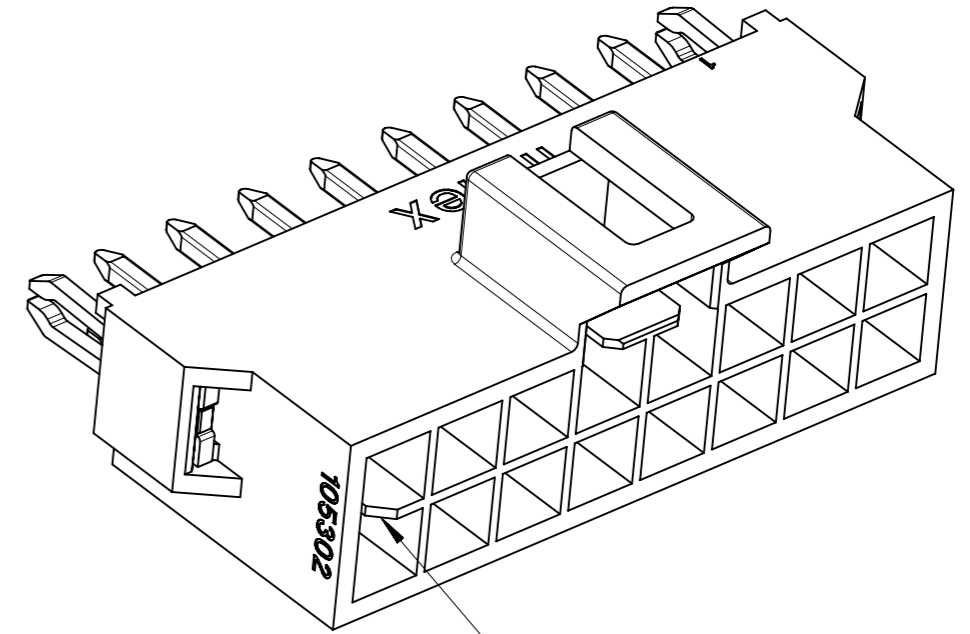


KEY A

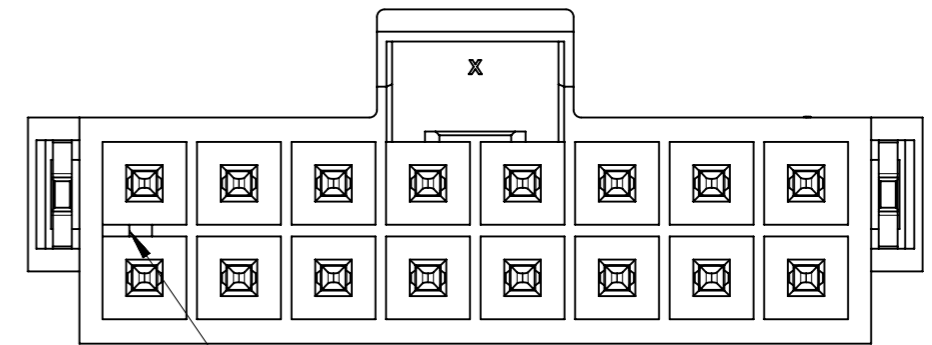


KEY A

BLACK



KEY B



KEY B

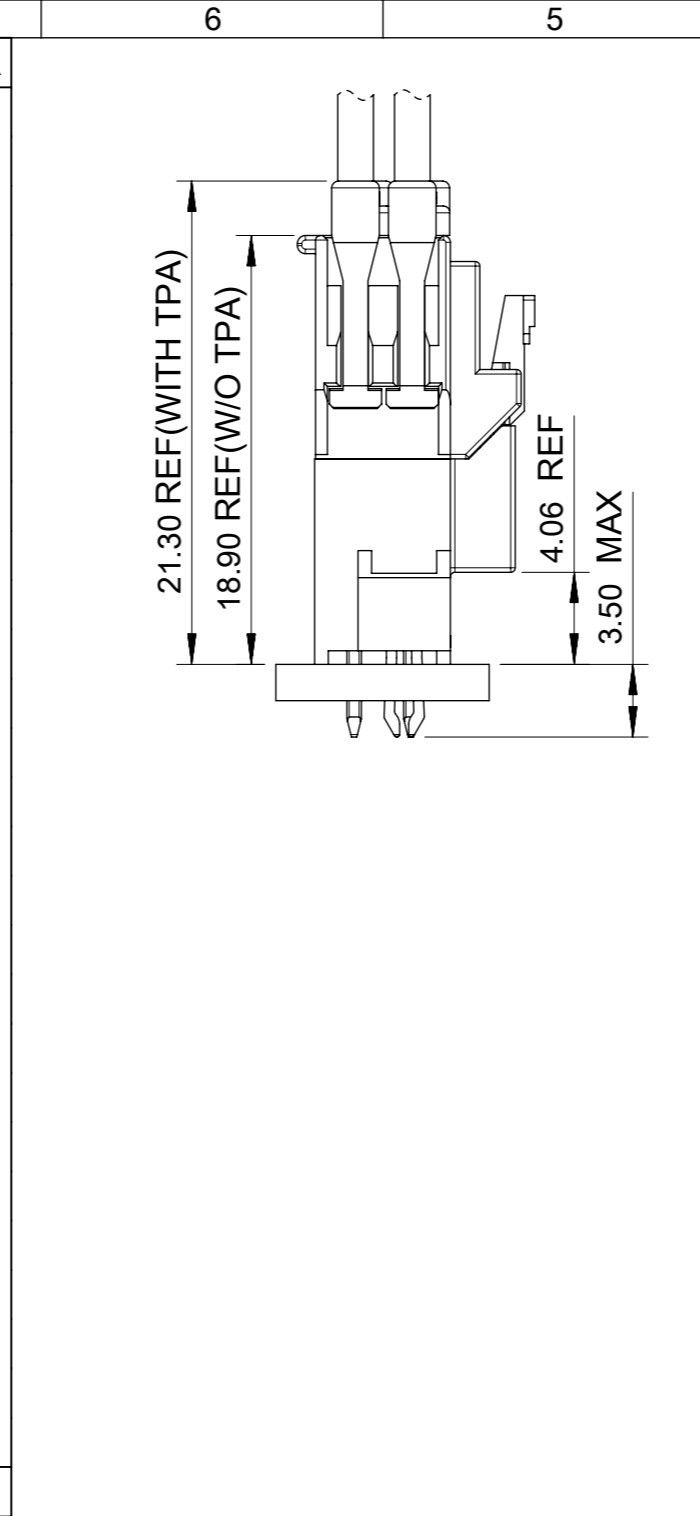
NATURAL

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:		<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		GENERAL MARKET		2 OF 5		
	0 PLACES	±	SERIES 105312						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION						

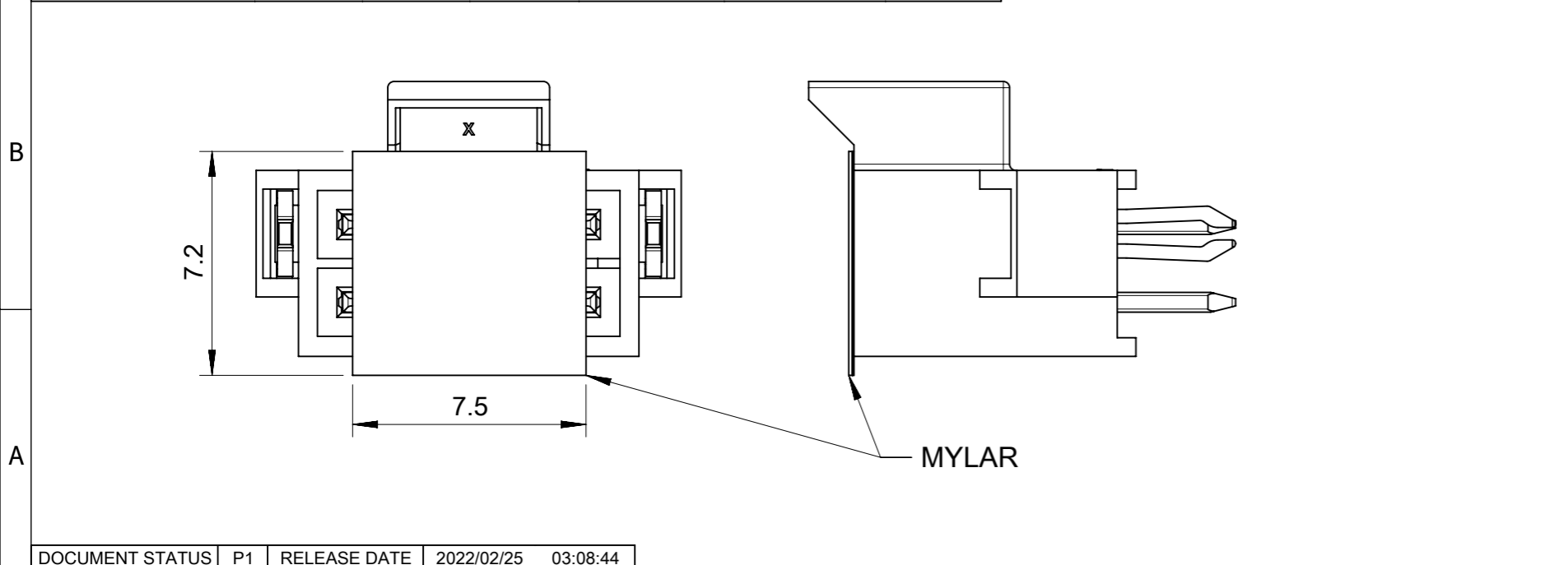
PART NUMBER	DIM 'A'	DIM 'B'	DIM 'C'	CKT SIZE	PLATING	MYLAR
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105312-3506	11.16	8.44	9.34	6		
105312-3508	13.66	10.94	11.84	8		
105312-3510	16.16	13.44	14.34	10		
105312-3512	18.66	15.94	16.84	12		
105312-3514	21.16	18.44	19.34	14		
105312-3516	23.66	20.94	21.84	16		
105312-3704	8.66	5.94	6.84	4		
105312-3706	11.16	8.44	9.34	6		
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		
105312-3714	21.16	18.44	19.34	14		
105312-3716	23.66	20.94	21.84	16		
105312-3604	8.66	5.94	6.84	4	GOLD 0.76	
105312-3606	11.16	8.44	9.34	6		
105312-3608	13.66	10.94	11.84	8		
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		
105312-3616	23.66	20.94	21.84	16		
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		
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

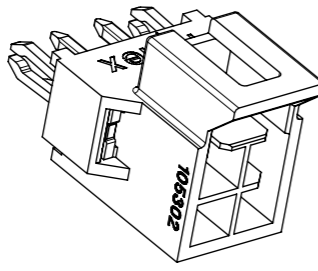
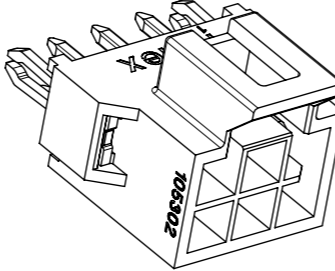
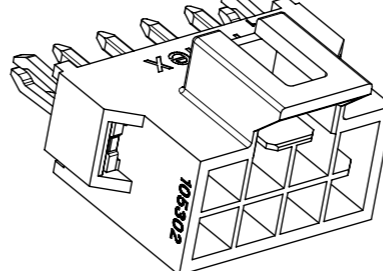
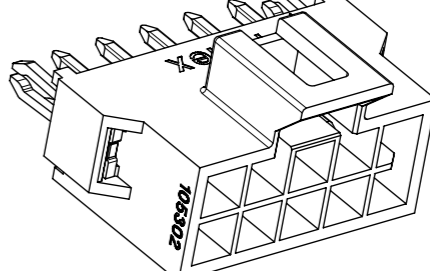
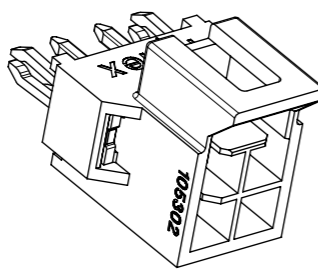
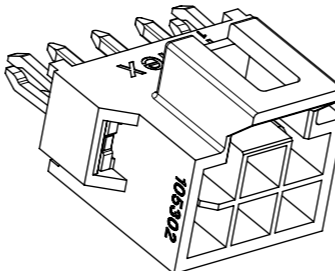
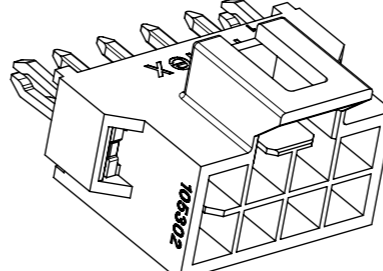
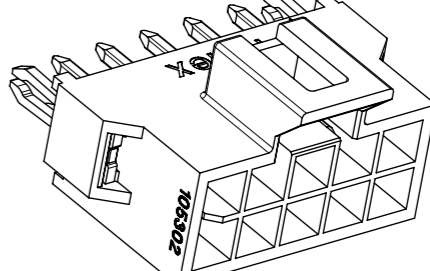
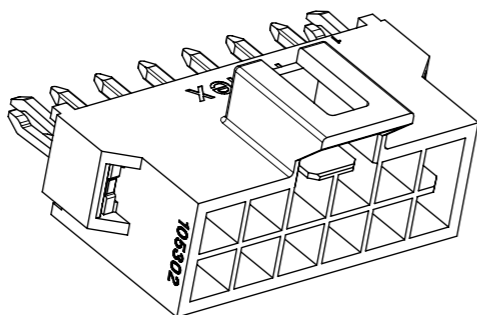
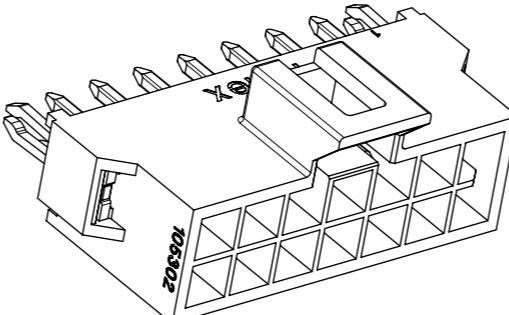
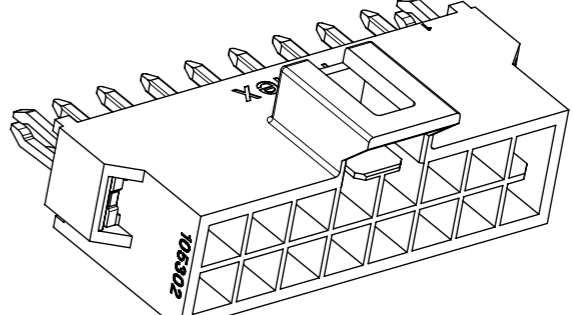
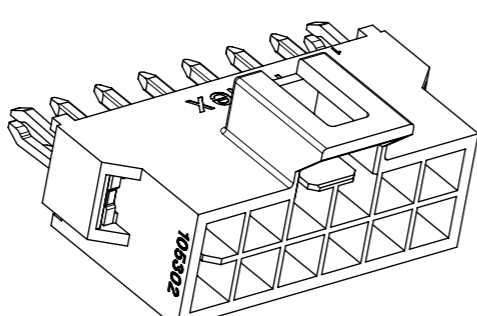
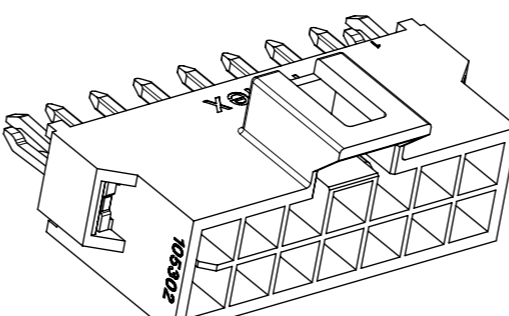
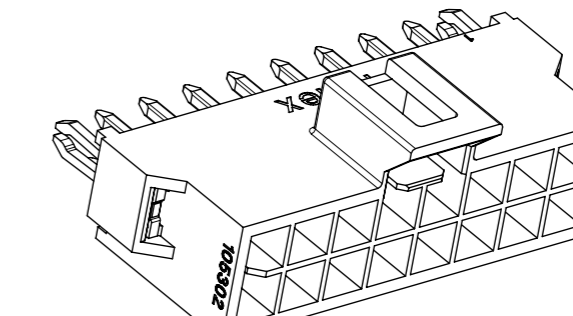



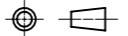
PART NUMBER	DIM 'A'	DIM 'B'	DIM 'C'	CKT SIZE	PLATING	MYLAR
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105312-4506	11.16	8.44	9.34	6		
105312-4508	13.66	10.94	11.84	8		
105312-4510	16.16	13.44	14.34	10		
105312-4512	18.66	15.94	16.84	12		
105312-4514	21.16	18.44	19.34	14		
105312-4516	23.66	20.94	21.84	16		
105312-4704	8.66	5.94	6.84	4		
105312-4706	11.16	8.44	9.34	6		
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		
105312-4714	21.16	18.44	19.34	14		
105312-4716	23.66	20.94	21.84	16		
105312-4604	8.66	5.94	6.84	4	GOLD 0.76	
105312-4606	11.16	8.44	9.34	6		
105312-4608	13.66	10.94	11.84	8		
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		
105312-4616	23.66	20.94	21.84	16		
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		
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:																																																										
	<table border="1"> <tr><td>FUNCTIONAL SYMBOLS</td><td>DIMENSION UNITS</td><td>SCALE</td></tr> <tr><td>∇A = 0</td><td>mm</td><td>5:1</td></tr> <tr><td>∇E = 0</td><td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td></tr> <tr><td>∇F = 0</td><td colspan="2">ANGULAR TOL ± 3.0°</td></tr> <tr><td>DIVISIONAL SYMBOLS</td><td>4 PLACES</td><td>±</td></tr> <tr><td></td><td>3 PLACES</td><td>± 0.1</td></tr> <tr><td></td><td>2 PLACES</td><td>± 0.2</td></tr> <tr><td></td><td>1 PLACE</td><td>± 0.3</td></tr> <tr><td></td><td>0 PLACES</td><td>±</td></tr> <tr><td></td><td colspan="2">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td></tr> </table>	FUNCTIONAL SYMBOLS	DIMENSION UNITS		SCALE	∇A = 0	mm	5:1	∇E = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		∇F = 0	ANGULAR TOL ± 3.0°		DIVISIONAL SYMBOLS	4 PLACES	±		3 PLACES	± 0.1		2 PLACES	± 0.2		1 PLACE	± 0.3		0 PLACES	±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		<table border="1"> <tr><td>EC NO:</td><td>697101</td></tr> <tr><td>DRWN:</td><td>GLLI</td></tr> <tr><td>CHK'D:</td><td>XQZHANG</td></tr> <tr><td>APPR:</td><td>XQZHANG</td></tr> <tr><td>DATE:</td><td>2022/02/24</td></tr> <tr><td>INITIAL REVISION:</td><td></td></tr> <tr><td>DRWN:</td><td>GLLI</td></tr> <tr><td>APPR:</td><td>YXZHENG</td></tr> <tr><td>DATE:</td><td>2020/03/16</td></tr> </table>		EC NO:	697101	DRWN:	GLLI	CHK'D:	XQZHANG	APPR:	XQZHANG	DATE:	2022/02/24	INITIAL REVISION:		DRWN:	GLLI	APPR:	YXZHENG	DATE:	2020/03/16	<table border="1"> <tr><td>DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td>REVISION</td></tr> <tr><td>1053121000-SD</td><td>PSD</td><td>000</td><td>B1</td></tr> </table>		DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION	1053121000-SD	PSD
FUNCTIONAL SYMBOLS	DIMENSION UNITS	SCALE																																																										
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<table border="1"> <tr><td>DOCUMENT STATUS</td><td>P1</td><td>RELEASE DATE</td><td>2022/02/25</td><td>03:08:44</td></tr> </table>	DOCUMENT STATUS	P1	RELEASE DATE	2022/02/25	03:08:44	<table border="1"> <tr><td>THIRD ANGLE PROJECTION</td><td>DRAWING</td><td>SERIES</td><td>MATERIAL NUMBER</td><td>CUSTOMER</td><td>SHEET NUMBER</td></tr> <tr><td></td><td>A3-SIZE</td><td>105312</td><td></td><td>GENERAL MARKET</td><td>3 OF 5</td></tr> </table>		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER		A3-SIZE	105312		GENERAL MARKET	3 OF 5																																									
DOCUMENT STATUS	P1	RELEASE DATE	2022/02/25	03:08:44																																																								
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER																																																							
	A3-SIZE	105312		GENERAL MARKET	3 OF 5																																																							

		4 CKT	6 CKT	8 CKT	10 CKT
F	BLACK				
E	NATURAL				
D	BLACK				
C	NATURAL				

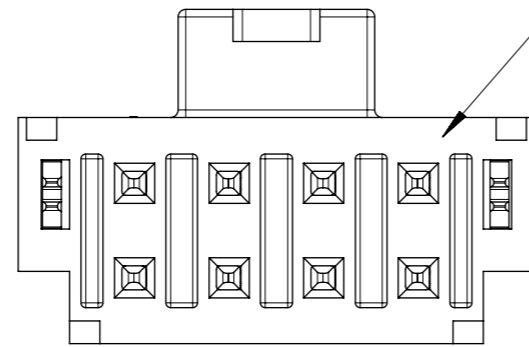
FUNCTIONAL SYMBOLS $\nabla_A = 0$ $\nabla_E = 0$ $\nabla_V = 0$	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION DIMENSION UNITS: <b>mm</b> SCALE: <b>3:1</b> GENERAL TOLERANCES (UNLESS SPECIFIED): ANGULAR TOL: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