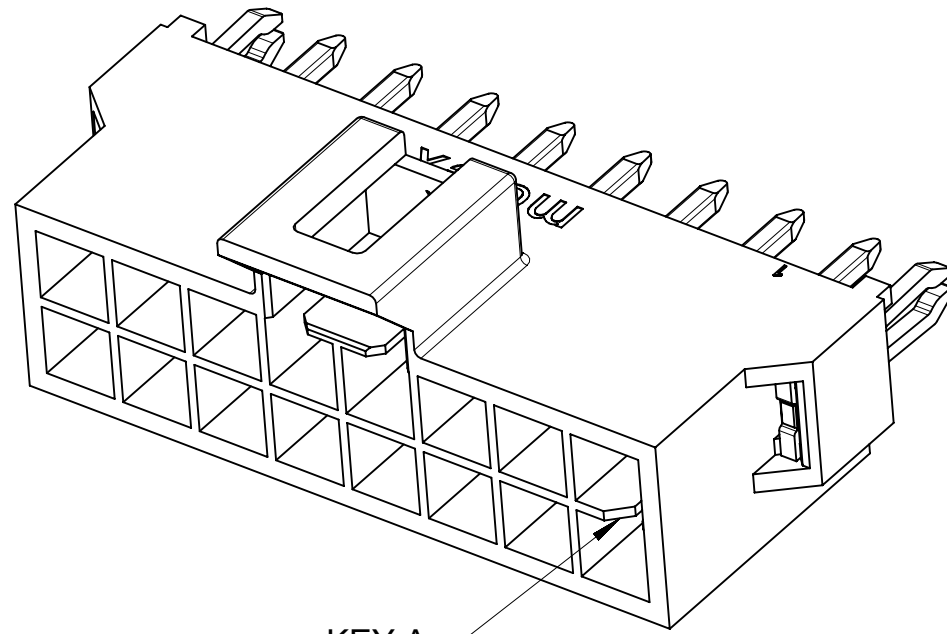
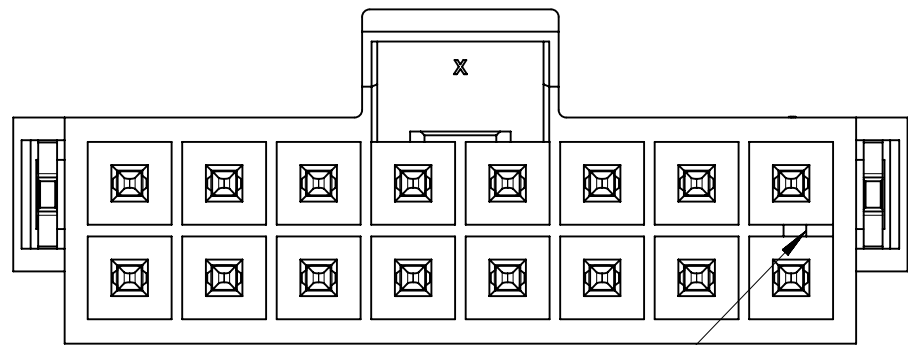


RECOMMENDED PCB(CONNECTOR SIDE VIEW)
THICKNESS=1.6 TO 2.4 MM

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
	GENERAL TOLERANCES (UNLESS SPECIFIED)	ANGULAR TOL $\pm 3.0^\circ$	EC NO: 697101		
DIVISIONAL SYMBOLS	4 PLACES \pm	3 PLACES ± 0.1	2 PLACES ± 0.2	1 PLACE ± 0.3	PRODUCT CUSTOMER DRAWING
	INITIAL REVISION:		2022/02/24		DOCUMENT NUMBER
	DRWN: GLLI		2022/02/25		DOC TYPE
	APPR: XQZHANG		2022/02/25		DOC PART
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	REVISION
			A3-SIZE	105312	1053121000-SD
					PSD 000 B1
					GENERAL MARKET
					1 OF 5

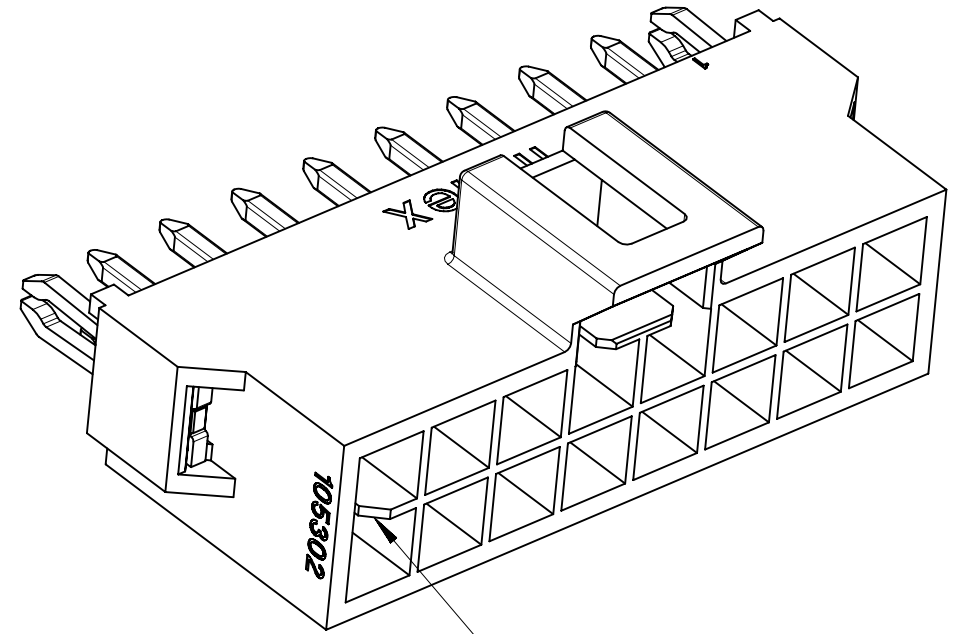


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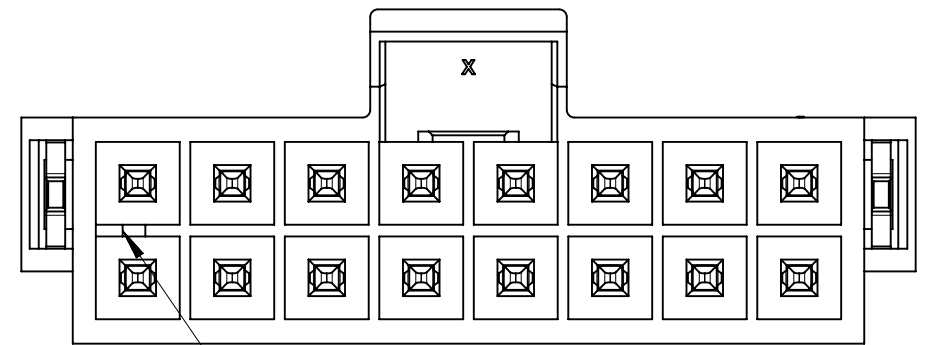


KEY A

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KEY B



KEY B

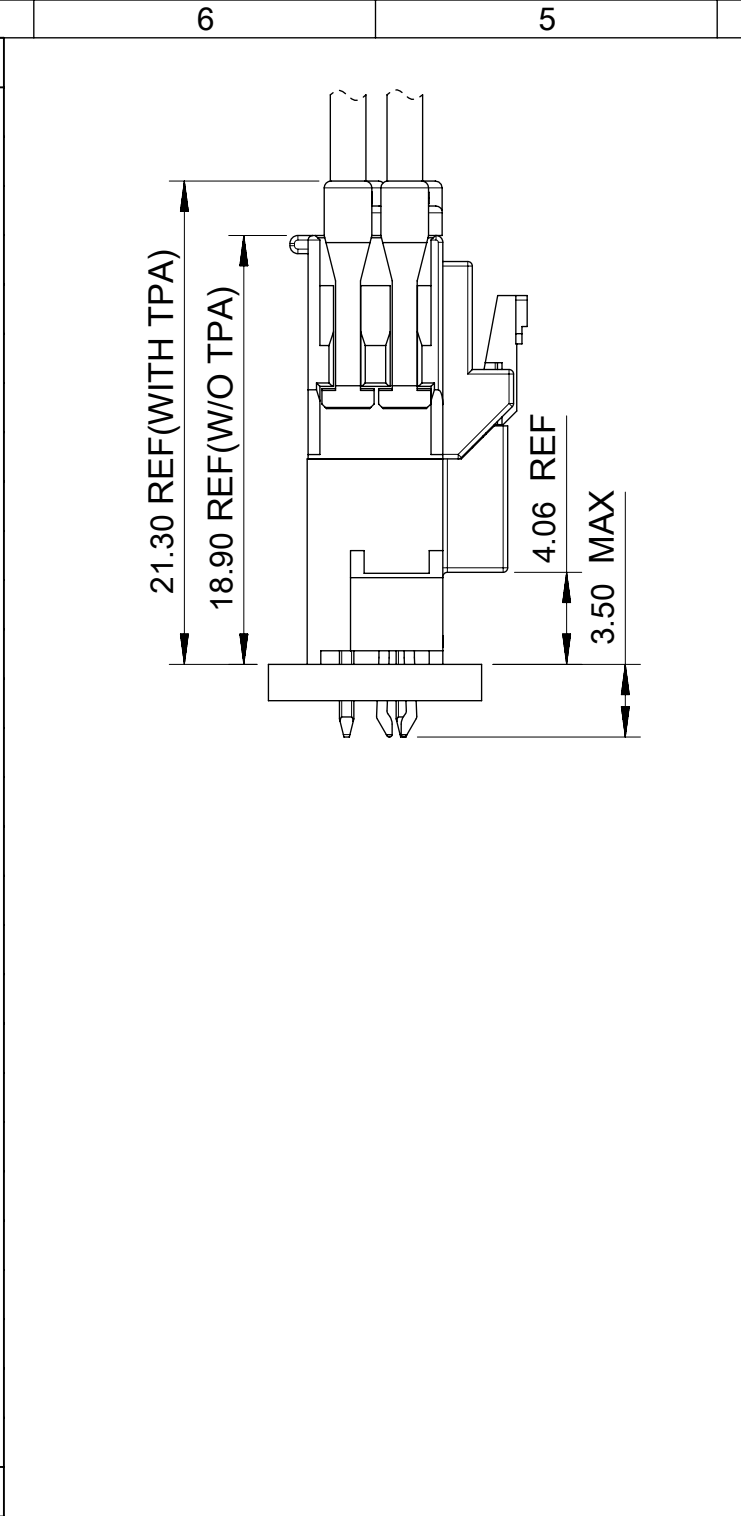
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COLOR OPTION

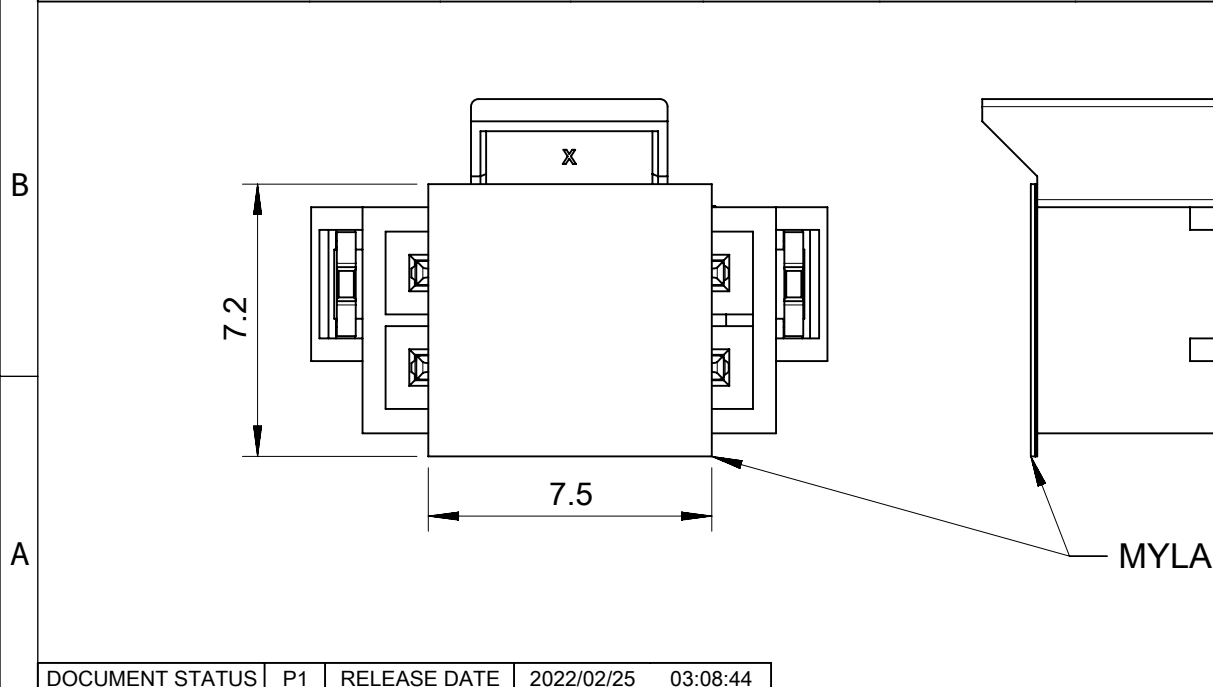
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex				
	▽A = 0	mm						5:1	
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 697101 DRWN: GLLI CHK'D: 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			±	2022/02/25			
		2 PLACES			±	2022/02/25	DOCUMENT NUMBER		DOC TYPE
	1 PLACE	±	0.3	1053121000-SD		PSD	000	B1	
	0 PLACES	±		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	GENERAL MARKET		2 OF 5	
				A3-SIZE	105312				

DOCUMENT STATUS	P1	RELEASE DATE	2022/02/25	03:08:44
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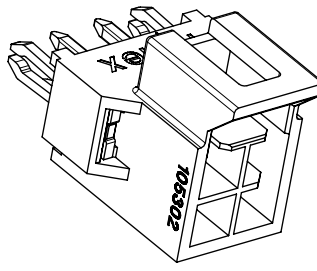
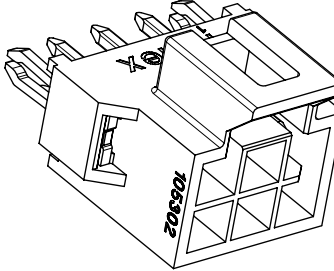
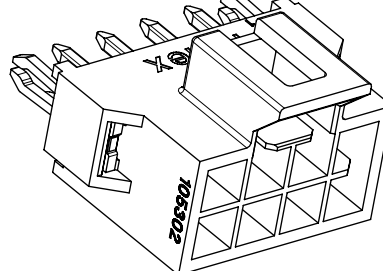
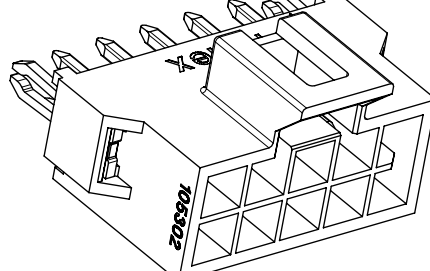
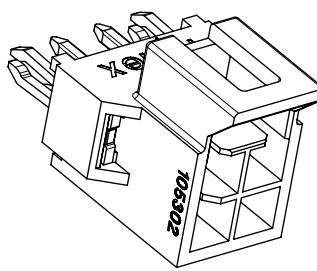
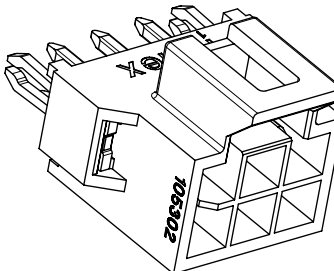
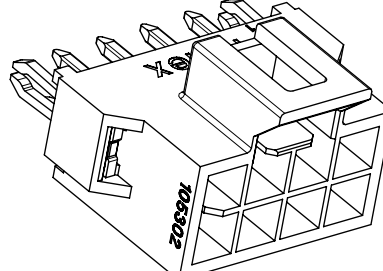
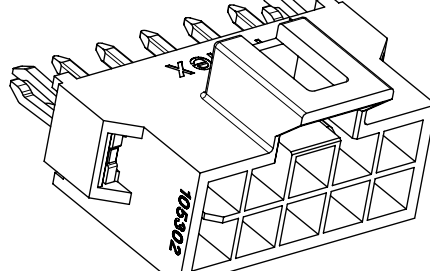
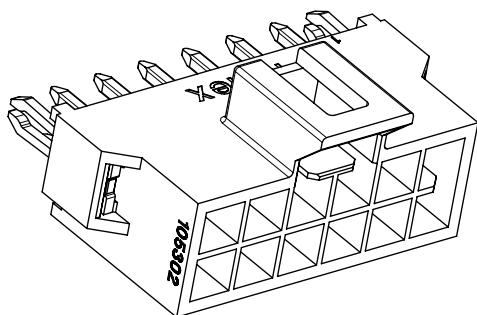
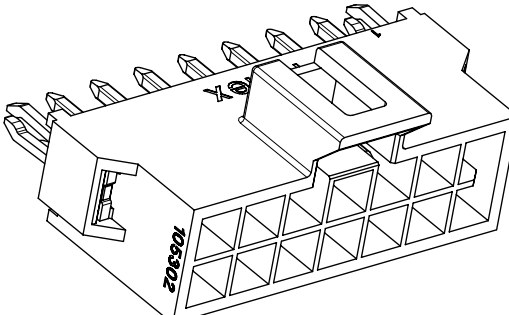
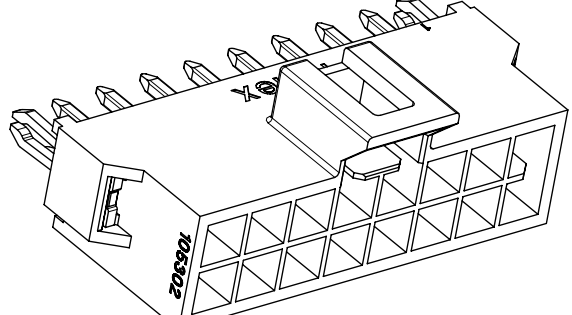
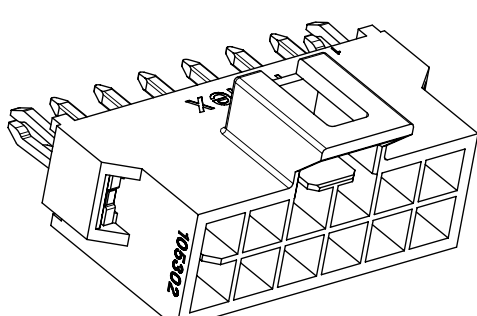
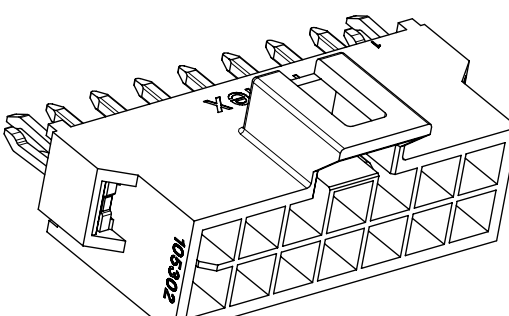
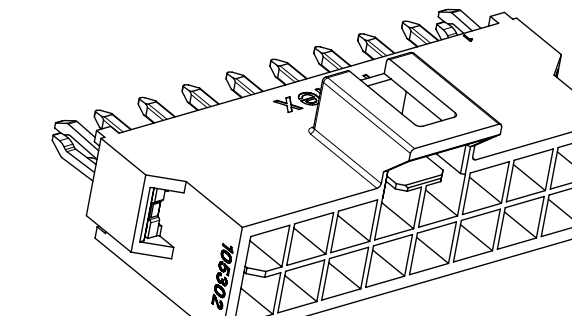
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105312-3506	11.16	8.44	9.34	6					
105312-3508	13.66	10.94	11.84	8					
105312-3510	16.16	13.44	14.34	10					
105312-3512	18.66	15.94	16.84	12					
105312-3514	21.16	18.44	19.34	14					
105312-3516	23.66	20.94	21.84	16					
105312-3704	8.66	5.94	6.84	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	YES			
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					GOLD 0.76 + LUBE
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					
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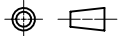


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PART NUMBER	DIM 'A'	DIM 'B'	DIM 'C'	CKT SIZE	PLATING	MYLAR			
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105312-4506	11.16	8.44	9.34	6					
105312-4508	13.66	10.94	11.84	8					
105312-4510	16.16	13.44	14.34	10					
105312-4512	18.66	15.94	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	YES			
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					GOLD 0.76 + LUBE
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 DIMENSION UNITS</td><td>SCALE</td></tr> <tr><td>$\nabla_A = 0$</td><td>mm 5:1</td></tr> </table>	FUNCTIONAL DIMENSION UNITS	SCALE		$\nabla_A = 0$	mm 5:1	EC NO: 697101		HEADER OF NANO-FIT, D/R, CLIP, VERTICAL POWER CONNECTOR															
	FUNCTIONAL DIMENSION UNITS	SCALE																						
	$\nabla_A = 0$	mm 5:1																						
<table border="1"> <tr><td>GENERAL TOLERANCES (UNLESS SPECIFIED)</td></tr> <tr><td>ANGULAR TOL $\pm 3.0^\circ$</td></tr> <tr><td>4 PLACES \pm</td></tr> <tr><td>3 PLACES ± 0.1</td></tr> <tr><td>2 PLACES ± 0.2</td></tr> <tr><td>1 PLACE ± 0.3</td></tr> <tr><td>0 PLACES \pm</td></tr> </table>	GENERAL TOLERANCES (UNLESS SPECIFIED)	ANGULAR TOL $\pm 3.0^\circ$	4 PLACES \pm	3 PLACES ± 0.1	2 PLACES ± 0.2	1 PLACE ± 0.3	0 PLACES \pm	<table border="1"> <tr><td>DRWN: GLLI</td><td>2022/02/24</td></tr> <tr><td>CHK'D: XQZHANG</td><td>2022/02/25</td></tr> <tr><td>APPR: XQZHANG</td><td>2022/02/25</td></tr> </table>	DRWN: GLLI	2022/02/24	CHK'D: XQZHANG	2022/02/25	APPR: XQZHANG	2022/02/25	<table border="1"> <tr><td>PRODUCT CUSTOMER DRAWING</td></tr> <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>	PRODUCT CUSTOMER DRAWING	DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION	1053121000-SD	PSD	000	B1
GENERAL TOLERANCES (UNLESS SPECIFIED)																								
ANGULAR TOL $\pm 3.0^\circ$																								
4 PLACES \pm																								
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DRWN: GLLI	2022/02/24																							
CHK'D: XQZHANG	2022/02/25																							
APPR: XQZHANG	2022/02/25																							
PRODUCT CUSTOMER DRAWING																								
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION																					
1053121000-SD	PSD	000	B1																					
DIVISIONAL SYMBOLS	<table border="1"> <tr><td>INITIAL REVISION:</td><td>2019/09/24</td></tr> <tr><td>DRWN: GLLI</td><td>2020/03/16</td></tr> <tr><td>APPR: YXZHENG</td><td></td></tr> </table>	INITIAL REVISION:	2019/09/24	DRWN: GLLI	2020/03/16	APPR: YXZHENG		<table border="1"> <tr><td>MATERIAL NUMBER</td><td>CUSTOMER</td><td>SHEET NUMBER</td></tr> <tr><td></td><td>GENERAL MARKET</td><td>3 OF 5</td></tr> </table>		MATERIAL NUMBER	CUSTOMER	SHEET NUMBER		GENERAL MARKET	3 OF 5									
INITIAL REVISION:	2019/09/24																							
DRWN: GLLI	2020/03/16																							
APPR: YXZHENG																								
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER																						
	GENERAL MARKET	3 OF 5																						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES																				
			A3-SIZE	105312																				

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

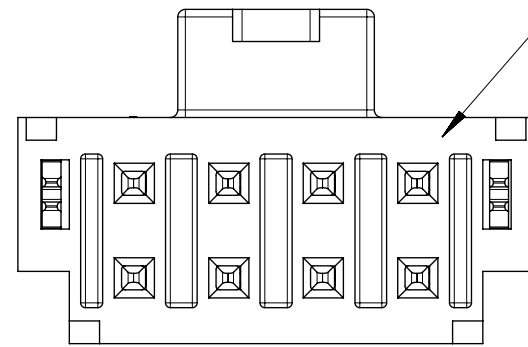
FUNCTIONAL SYMBOLS $\nabla_A = 0$ $\nabla_E = 0$ $\nabla_V = 0$	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION DIMENSION UNITS: mm SCALE: 3:1	CURRENT REV DESC: EC NO: 697101 DRWN: GLLI CHK'D: XQZHANG APPR: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