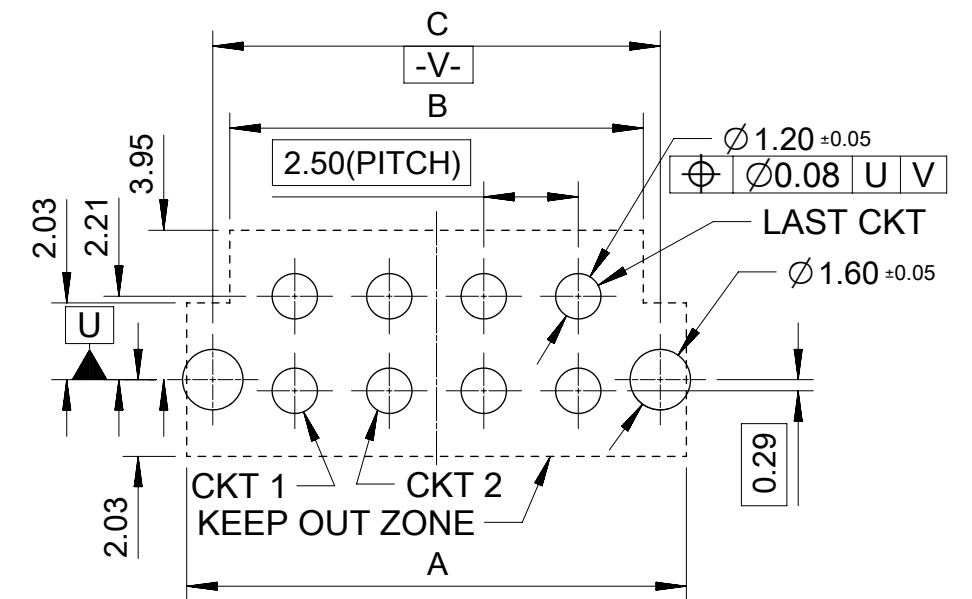
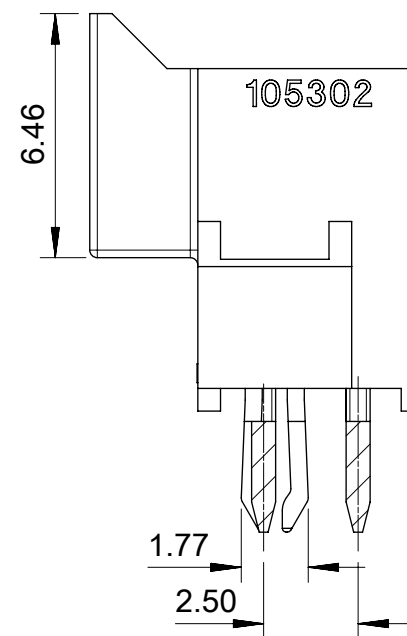
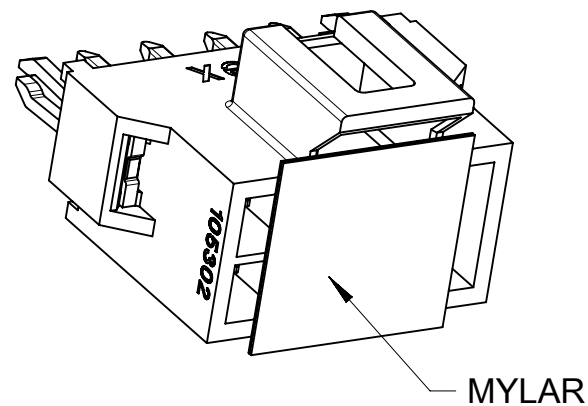
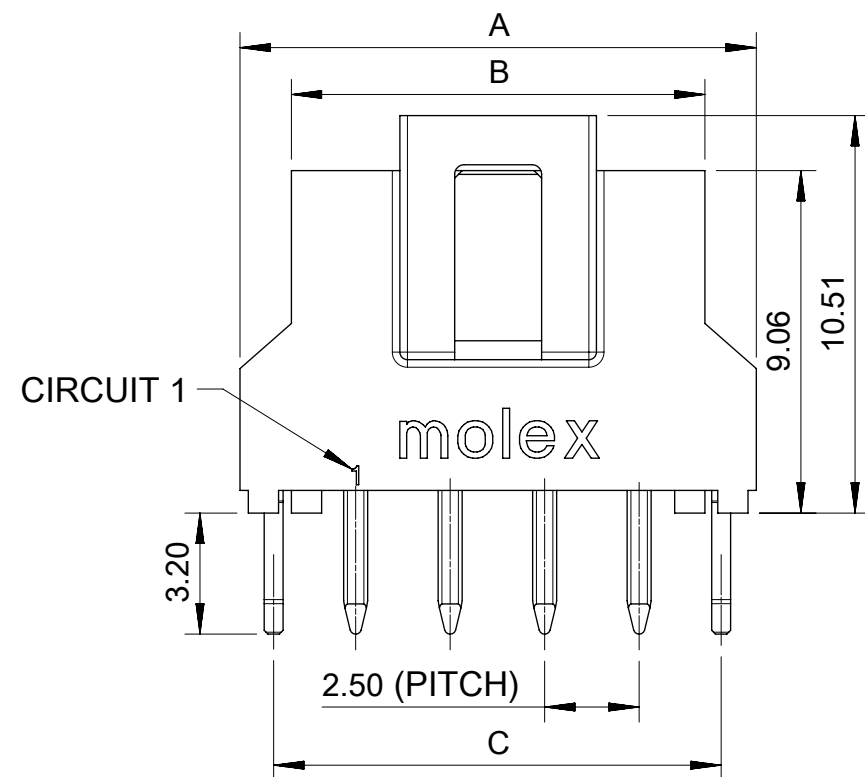
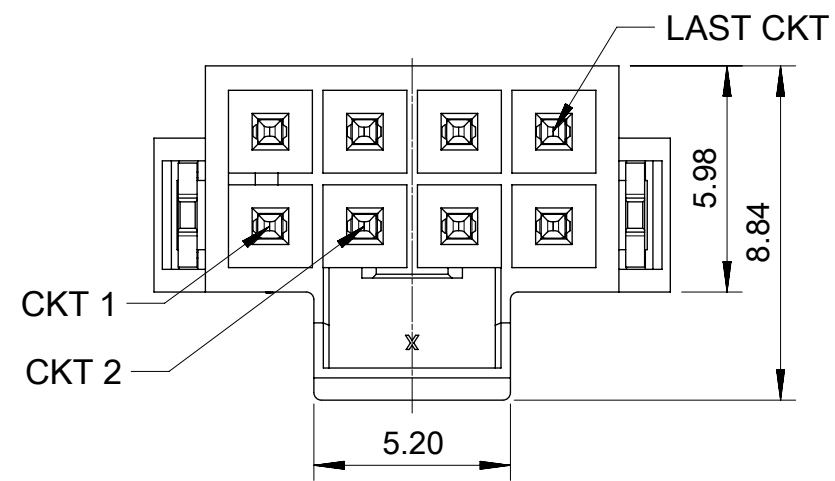
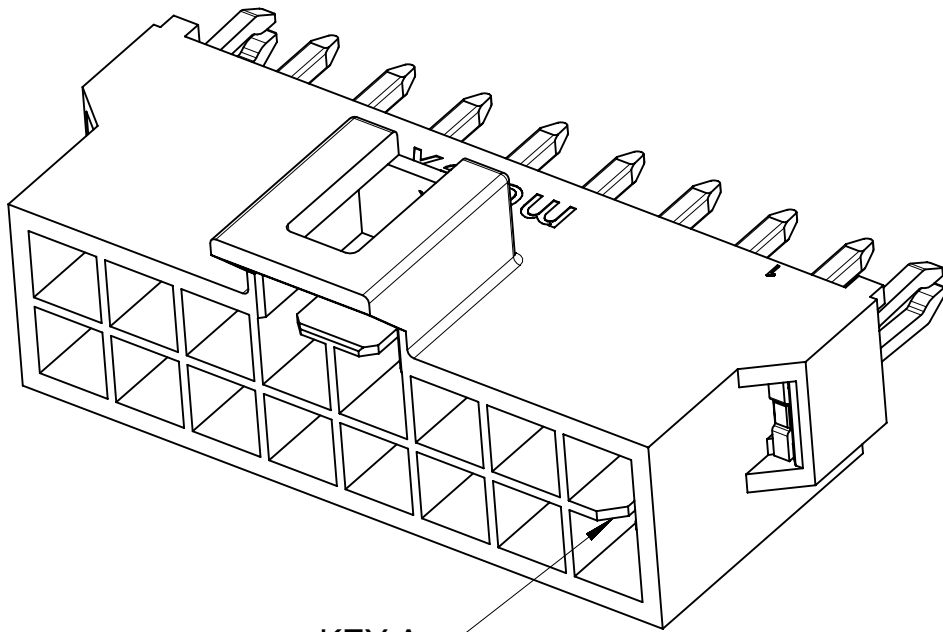


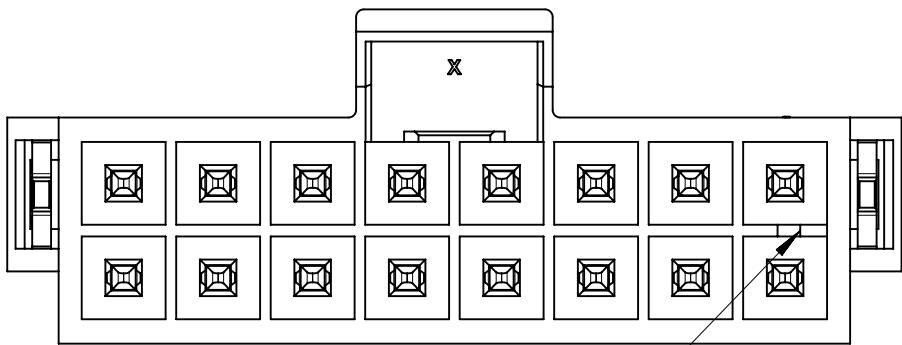


RECOMMENDED PCB(CONNECTOR SIDE VIEW)
THICKNESS=1.6 TO 2.4 MM

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
	DIMENSION UNITS		SCALE		CURRENT REV DESC: 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			molex								
	mm		5:1													
	GENERAL TOLERANCES (UNLESS SPECIFIED)							HEADER OF NANO-FIT, D/R, CLIP, VERTICAL POWER CONNECTOR								
	ANGULAR TOL ± 3.0 °															
4 PLACES		±		PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER 1053121000-SD DOC TYPE PSD DOC PART 000 REVISION B1												
3 PLACES		± 0.1														
2 PLACES		± 0.2														
1 PLACE		± 0.3														
0 PLACES		±														
DIVISIONAL SYMBOLS	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING A3-SIZE		SERIES 105312		MATERIAL NUMBER		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 5	

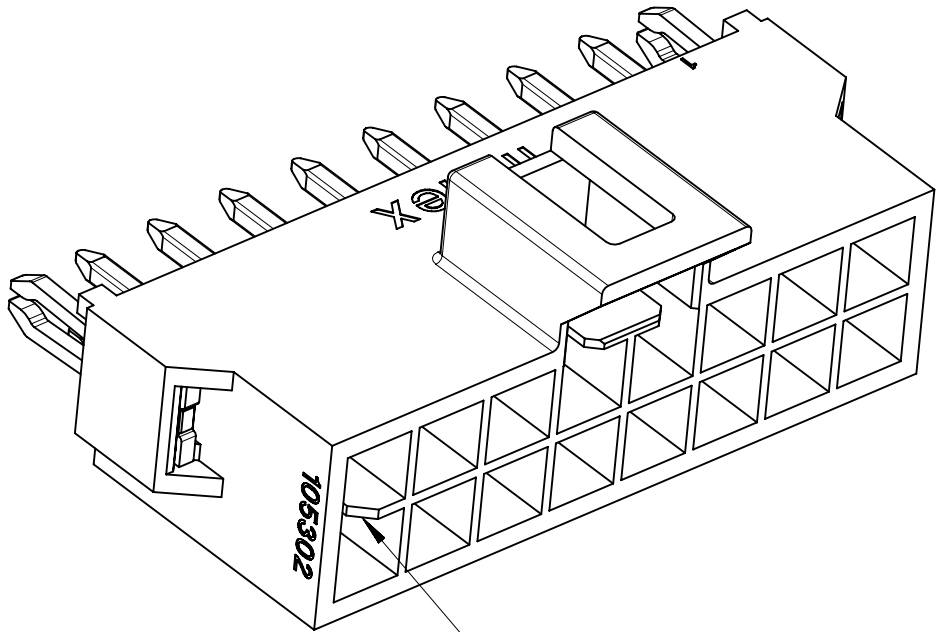


KEY A

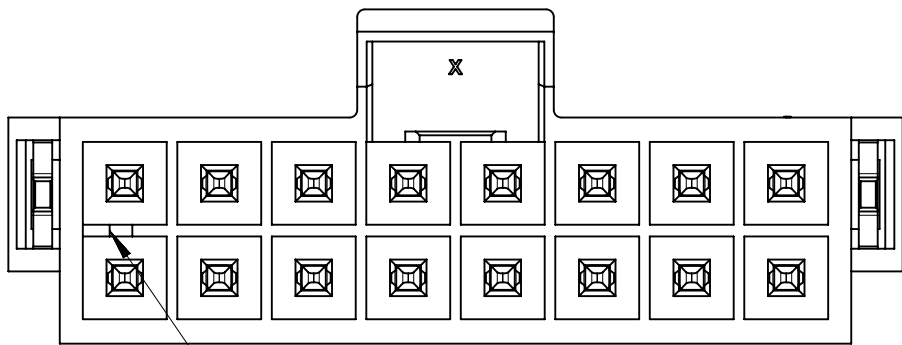


KEY A

BLACK



KEY B



KEY B

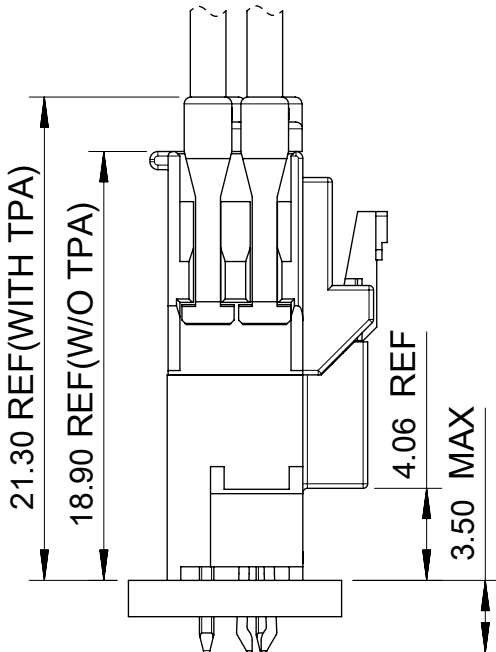
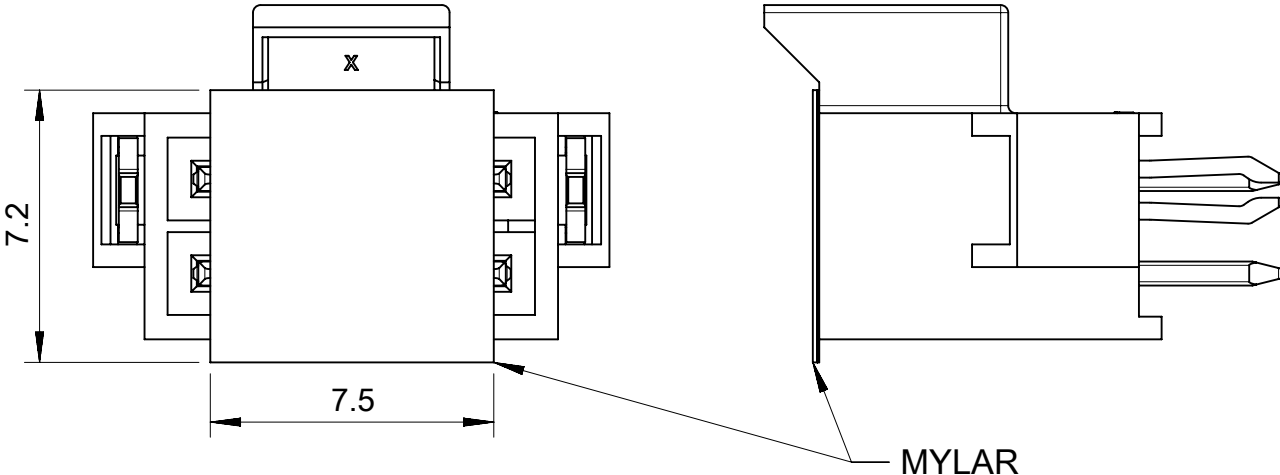
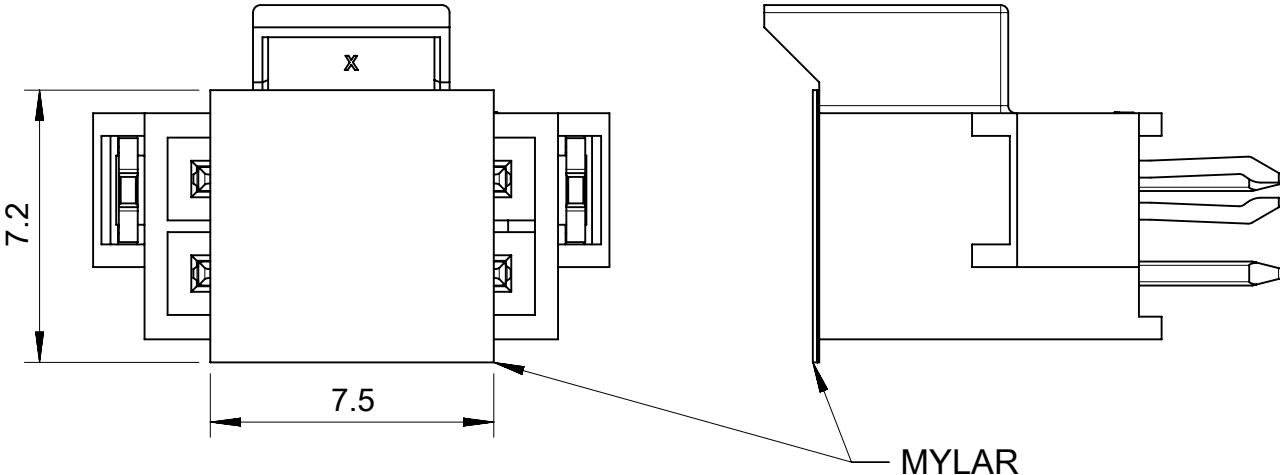
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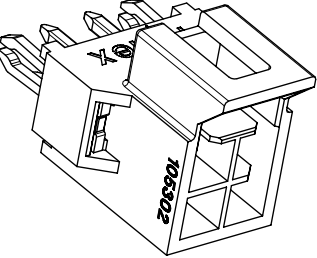
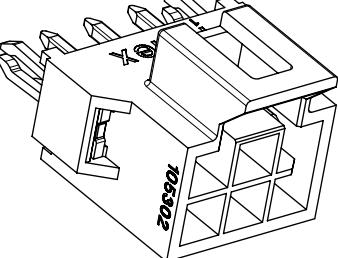
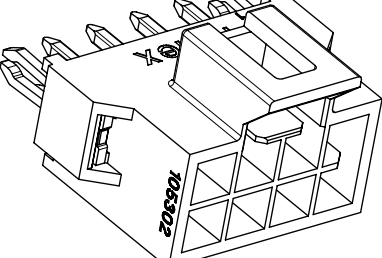
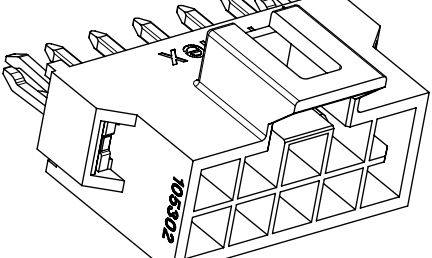
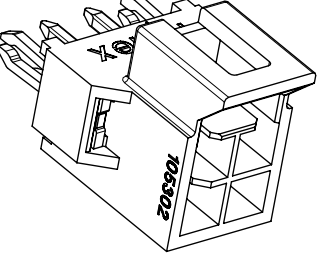
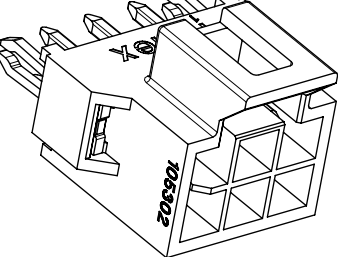
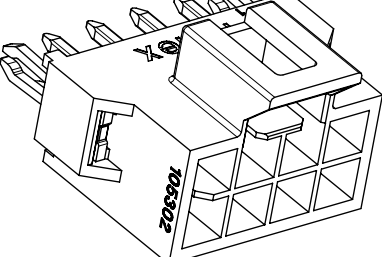
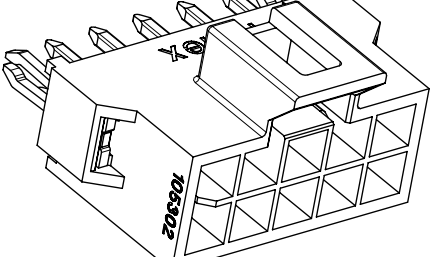
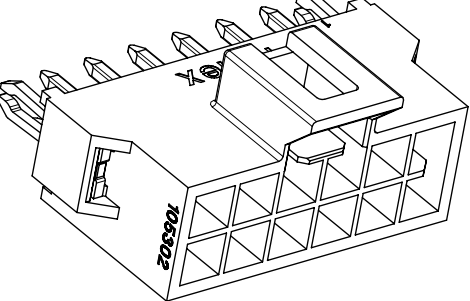
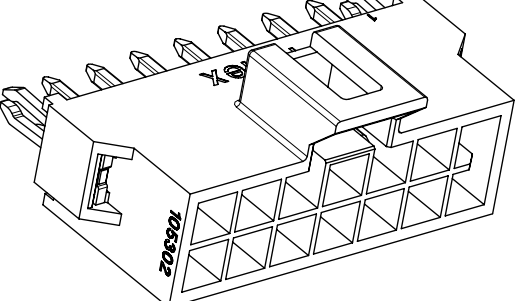
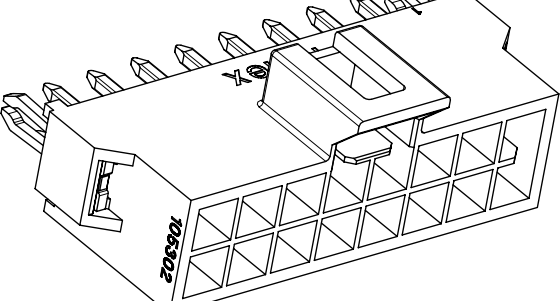
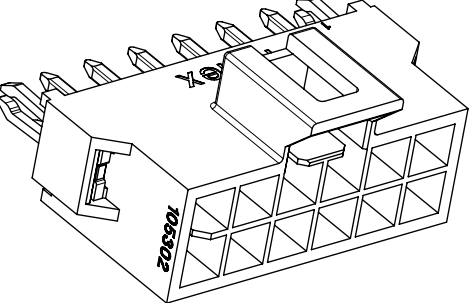
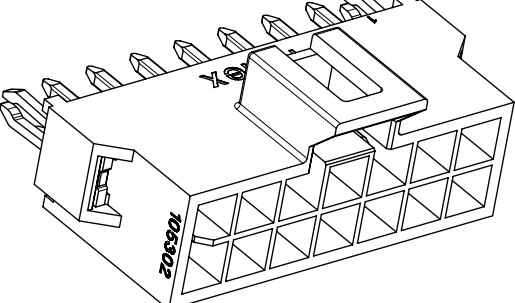
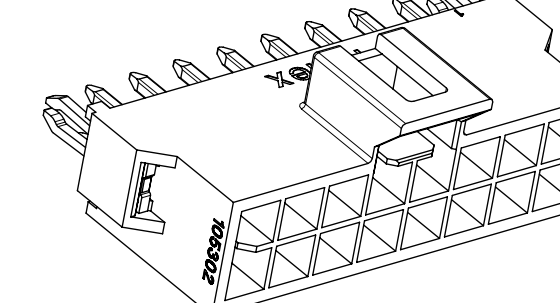
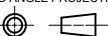
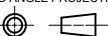
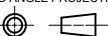
COLOR OPTION

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

DOCUMENT STATUS	P1	RELEASE DATE	2022/02/25	03:08:44
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FORMAT: master-B-prod-A3
REVISION: J
DATE: 2020/01/14

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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	YES						
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	GOLD 0.38				YES	105312-4514		21.16	18.44	19.34	14		GOLD 0.38					
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 0.76	105312-4704		8.66	5.94	6.84			4	GOLD 0.76			
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	GOLD 0.76					YES	105312-4714		21.16	18.44	19.34		14	GOLD 0.76				
105312-3716		23.66	20.94	21.84	16							105312-4716		23.66	20.94	21.84		16					
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105312-3606		11.16	8.44	9.34	6								105312-4606		11.16	8.44		9.34		6			
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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						YES	105312-4614		21.16	18.44		19.34	14	GOLD 0.76			
105312-3616		23.66	20.94	21.84	16								105312-4616		23.66	20.94		21.84	16				
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105312-3814		21.16	18.44	19.34	14	GOLD 0.76		YES	105312-4814				21.16	18.44	19.34	14		GOLD 0.76					
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COLOR: BLACK							COLOR: NATURAL																
																							
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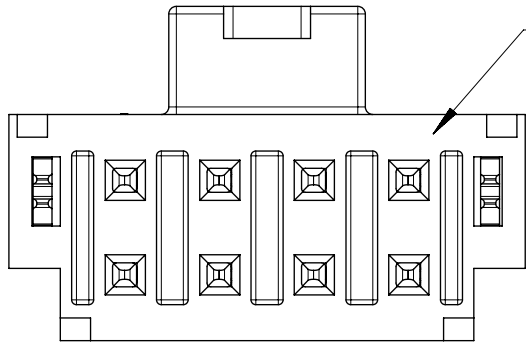
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DATE: 2020/01/14																																																																																																																																																				
<table><tr><td rowspan="7">FUNCTIONAL SYMBOLS</td><td colspan="19">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td></tr><tr><td>FA = 0</td><td colspan="2">DIMENSION UNITS</td><td colspan="2">SCALE</td><td colspan="14" rowspan="3">CURRENT REV DESC:</td><td colspan="3" rowspan="3"> molex </td></tr><tr><td></td><td colspan="2">mm</td><td colspan="2">3:1</td></tr><tr><td colspan="4">GENERAL TOLERANCES (UNLESS SPECIFIED)</td></tr><tr><td>FE = 0</td><td colspan="4">ANGULAR TOL ± 3.0°</td><td colspan="14" rowspan="5">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</td><td colspan="3">DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td>REVISION</td></tr><tr><td rowspan="4">DIVISIONAL SYMBOLS</td><td>4 PLACES</td><td colspan="2">±</td><td colspan="3">1053121000-SD</td><td>PSD</td><td>000</td><td>B1</td></tr><tr><td>3 PLACES</td><td colspan="2">± 0.1</td><td colspan="3" rowspan="3">MATERIAL NUMBER</td><td colspan="3" rowspan="3">CUSTOMER</td><td colspan="3" rowspan="3">SHEET NUMBER</td></tr><tr><td>2 PLACES</td><td colspan="2">± 0.2</td></tr><tr><td>1 PLACE</td><td colspan="2">± 0.3</td></tr><tr><td>0 PLACES</td><td colspan="2">±</td><td colspan="3">THIRD ANGLE PROJECTION</td><td>DRAWING</td><td>SERIES</td><td colspan="3"></td></tr><tr><td colspan="4">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td colspan="2"></td><td>A3-SIZE</td><td>105312</td><td colspan="3">GENERAL MARKET</td><td colspan="3">4 OF 5</td></tr></table>																				FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																			FA = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC:														molex				mm		3:1		GENERAL TOLERANCES (UNLESS SPECIFIED)				FE = 0	ANGULAR TOL ± 3.0°				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														DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION	DIVISIONAL SYMBOLS	4 PLACES	±		1053121000-SD			PSD	000	B1	3 PLACES	± 0.1		MATERIAL NUMBER			CUSTOMER			SHEET NUMBER			2 PLACES	± 0.2		1 PLACE	± 0.3		0 PLACES	±		THIRD ANGLE PROJECTION			DRAWING	SERIES				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						A3-SIZE	105312	GENERAL MARKET			4 OF 5		
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																																																																																																																																			
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	FE = 0	ANGULAR TOL ± 3.0°				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															DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION																																																																																																																										
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						A3-SIZE	105312	GENERAL MARKET			4 OF 5																																																																																																																																									

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.

NOTES FOR ALL PARTS

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	
	DIMENSION UNITS	SCALE
	= 0 mm	1:1
	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	ANGULAR TOL ± 3.0 °	
	4 PLACES	±
	3 PLACES	± 0.1
DIVISIONAL SYMBOLS	2 PLACES	± 0.2
	1 PLACE	± 0.3
	0 PLACES	±
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
THIRD ANGLE PROJECTION		DRAWING
		A3-SIZE
SERIES		105312
MATERIAL NUMBER		
CUSTOMER		GENERAL MARKET
SHEET NUMBER		5 OF 5

CURRENT REV DESC:			
EC NO: 697101		HEADER OF NANO-FIT, D/R, CLIP, VERTICAL POWER CONNECTOR	
DRWN: GLLI		2022/02/24	
CHK'D: XQZHANG		2022/02/25	
APPR: XQZHANG		2022/02/25	
INITIAL REVISION:		PRODUCT CUSTOMER DRAWING	
DRWN: GLLI		2019/09/24	
APPR: YXZHENG		2020/03/16	
DOCUMENT NUMBER		1053121000-SD	PSD
DOC TYPE		000	B1
DOC PART			
REVISION			