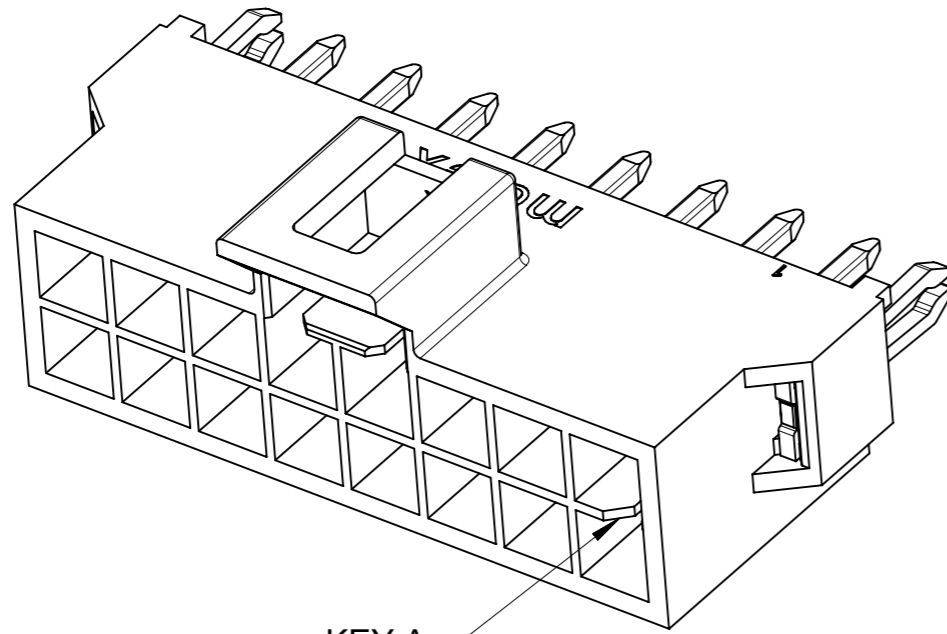
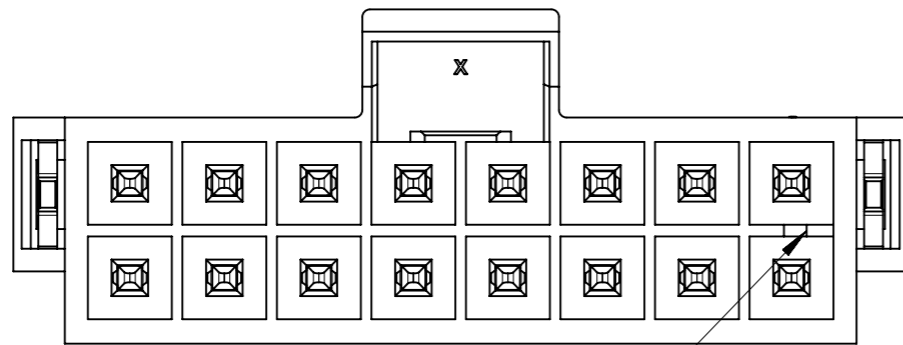


RECOMMENDED PCB(CONNECTOR SIDE VIEW)
THICKNESS=1.6 TO 2.4 MM

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	5:1		
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 697101		PRODUCT CUSTOMER DRAWING
	▽E = 0	ANGULAR TOL ± 3.0°		DRWN: GLLI 2022/02/24	
DIVISIONAL SYMBOLS	4 PLACES	±	0.1	CHK'D: XQZHANG 2022/02/25	DOCUMENT NUMBER: 1053121000-SD
	2 PLACES	±	0.2	APPR: XQZHANG 2022/02/25	
	1 PLACE	±	0.3	INITIAL REVISION:	
	0 PLACES	±		DRWN: GLLI 2019/09/24	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER
			A3-SIZE	105312	GENERAL MARKET
DOCUMENT STATUS: P1		RELEASE DATE: 2022/02/25	03:08:44	DOC TYPE: PSD	
				DOC PART: 000	REVISION: B1
				SHEET NUMBER: 1 OF 5	

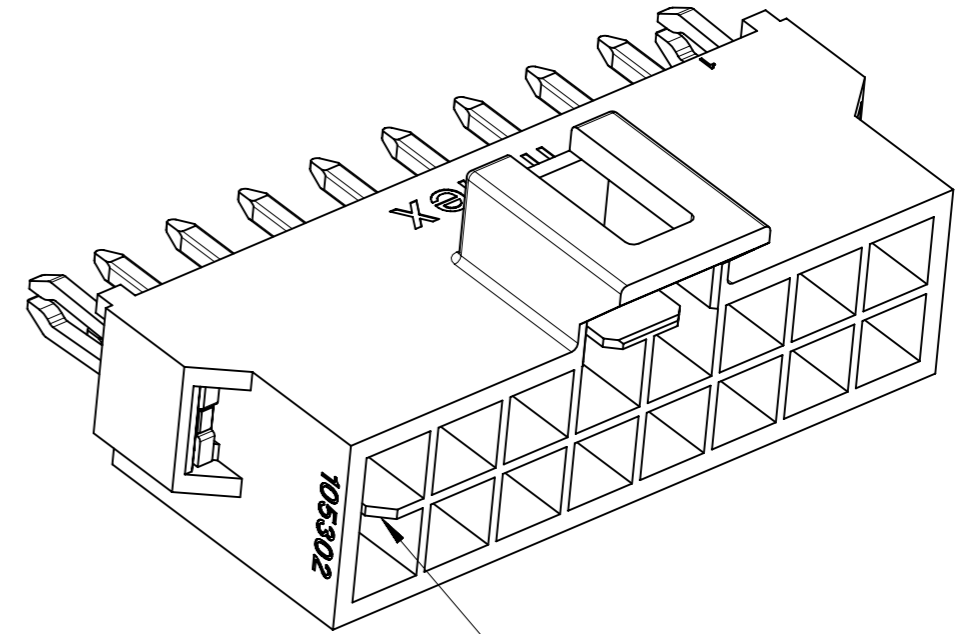


KEY A

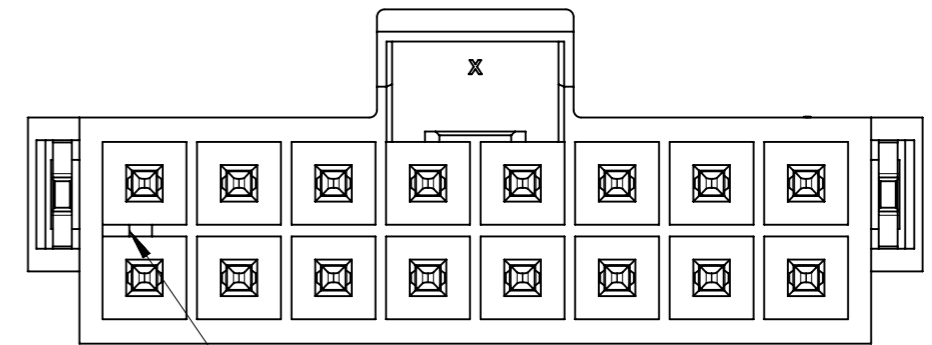


KEY A

BLACK



KEY B



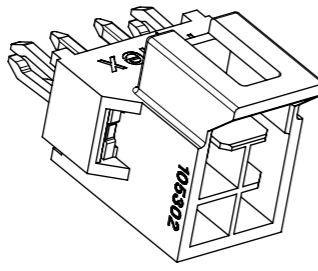
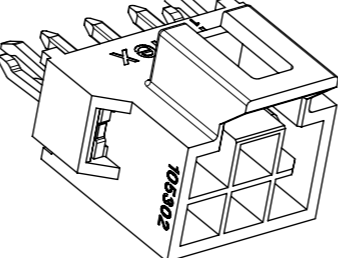
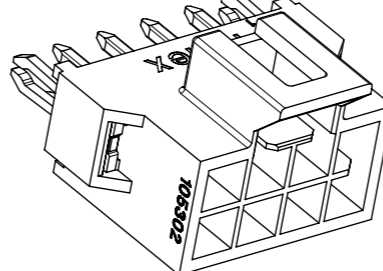
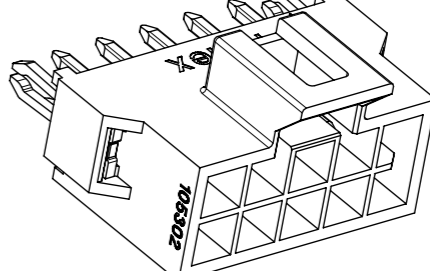
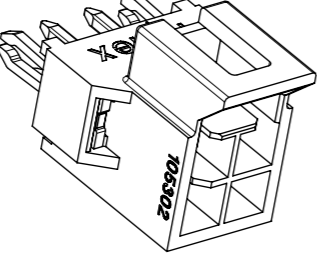
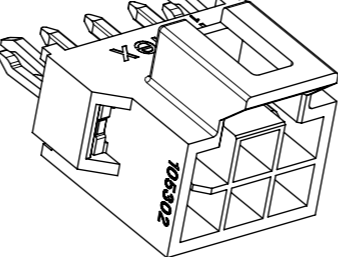
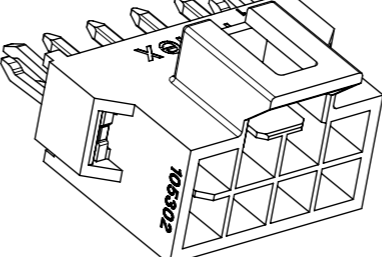
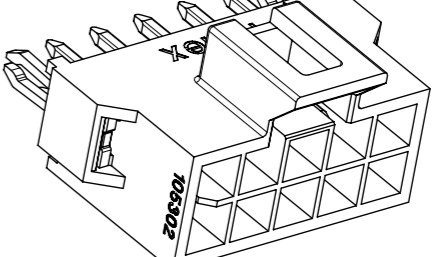
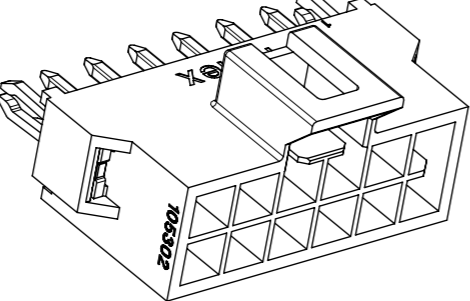
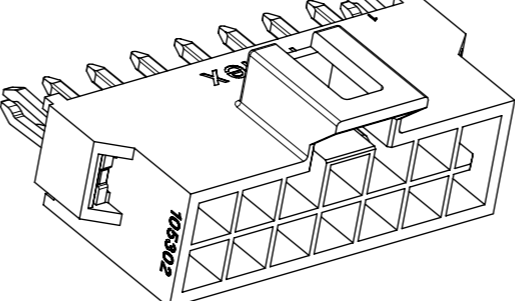
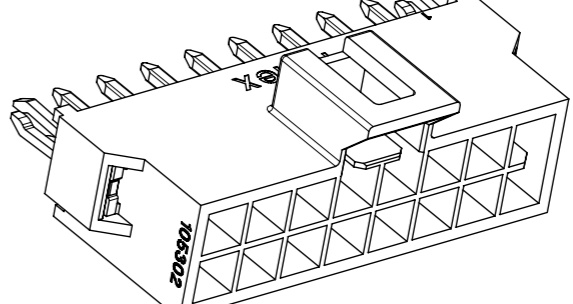
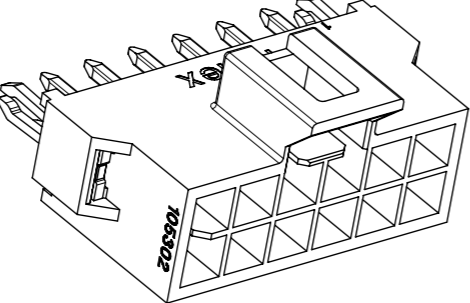
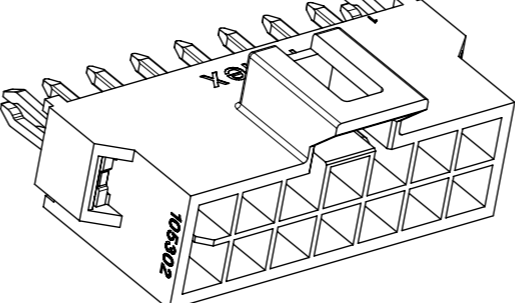
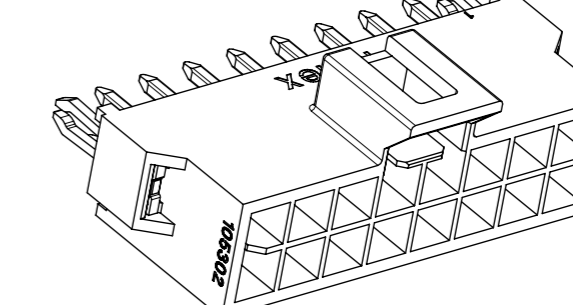
KEY B

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:						
	▽A = 0	mm							SCALE
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 697101		DRW: GLLI 2022/02/24				
	▽E = 0	ANGULAR TOL ± 3.0°		CHK'D: XQZHANG		2022/02/25			
DIVISIONAL SYMBOLS	4 PLACES	±	APPR: XQZHANG		2022/02/25				
	3 PLACES	±	INITIAL REVISION:		DRW: GLLI 2019/09/24				
	2 PLACES	±	APP: YXZHENG		2020/03/16				
	1 PLACE	±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION				
DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
A3-SIZE		105312		1053121000-SD		GENERAL MARKET		2 OF 5	

DOCUMENT STATUS	P1	RELEASE DATE	2022/02/25	03:08:44
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		4 CKT	6 CKT	8 CKT	10 CKT
F	BLACK				
E	NATURAL				
		12 CKT	14 CKT	16 CKT	
D	BLACK				
C	NATURAL				

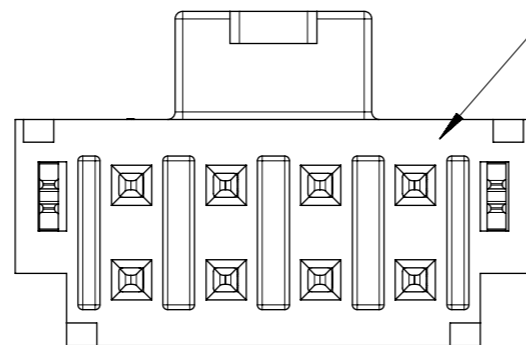
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex						
	$\nabla_A = 0$ $\nabla_E = 0$ $\nabla_V = 0$	DIMENSION UNITS: mm SCALE: 3:1 GENERAL TOLERANCES (UNLESS SPECIFIED)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