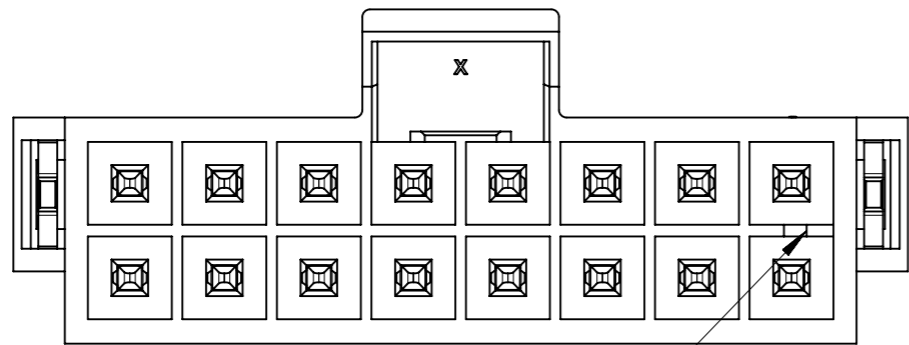


RECOMMENDED PCB(CONNECTOR SIDE VIEW)  
THICKNESS=1.6 TO 2.4 MM

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		
DIVISIONAL SYMBOLS	4 PLACES $\pm$	3 PLACES $\pm 0.1$	2 PLACES $\pm 0.2$	1 PLACE $\pm 0.3$	PRODUCT CUSTOMER DRAWING
	INITIAL REVISION:				DOCUMENT NUMBER
	DRWN: GLLI				2019/09/24
	APPR: YXZHENG				2020/03/16
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER
			A3-SIZE	105312	1053121000-SD
				CUSTOMER	SHEET NUMBER
				GENERAL MARKET	1 OF 5

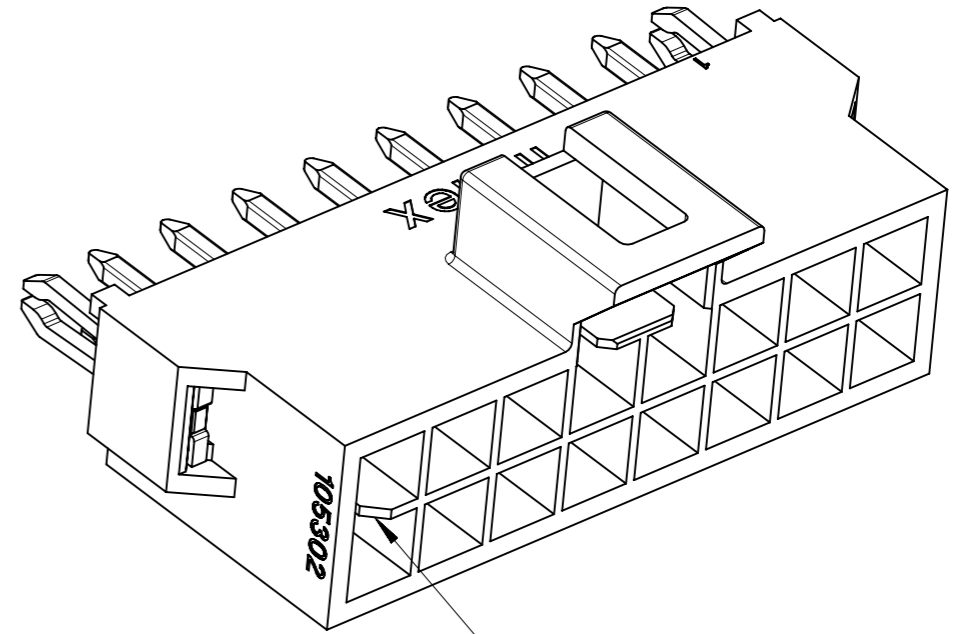


KEY A

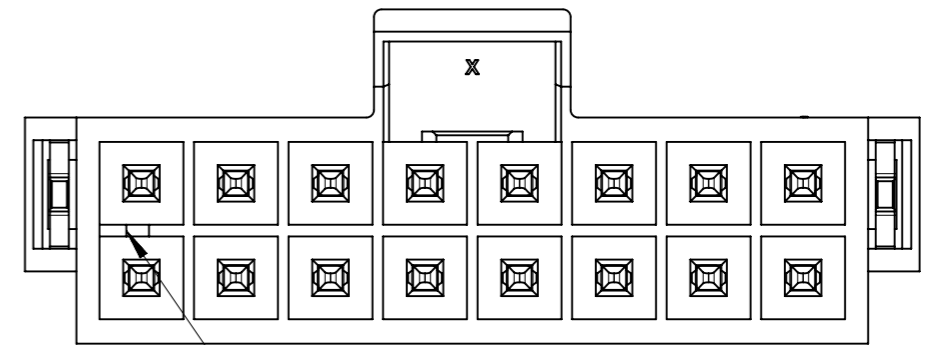


KEY A

BLACK



KEY B



KEY B

NATURAL




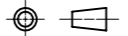
COLOR OPTION

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	HEADER OF NANO-FIT, D/R, CLIP, VERTICAL POWER CONNECTOR	
▽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			PRODUCT CUSTOMER DRAWING					
▽E = 0	ANGULAR TOL ± 3.0°										
DIVISIONAL SYMBOLS	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		2 OF 5	
0 PLACES	±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION							

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				

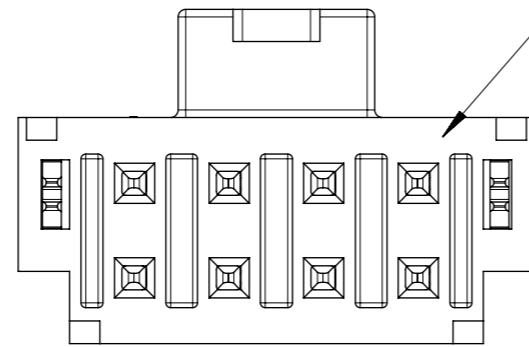
<b>FUNCTIONAL SYMBOLS</b>  = 0  = 0  = 0 <b>DIVISIONAL SYMBOLS</b>	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION DIMENSION UNITS: <b>mm</b> SCALE: <b>3:1</b> GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 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	2019/09/24 2020/03/16	DOCUMENT NUMBER: <b>1053121000-SD</b> DOC TYPE: PSD DOC PART: 000 REVISION: <b>B1</b>	
	THIRD ANGLE PROJECTION 	DRAWING: <b>A3-SIZE</b> SERIES: <b>105312</b>	MATERIAL NUMBER: <b>1053121000-SD</b> 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>					
	△/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	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
	0 PLACES ±				A3-SIZE	105312		GENERAL MARKET	5 OF 5	