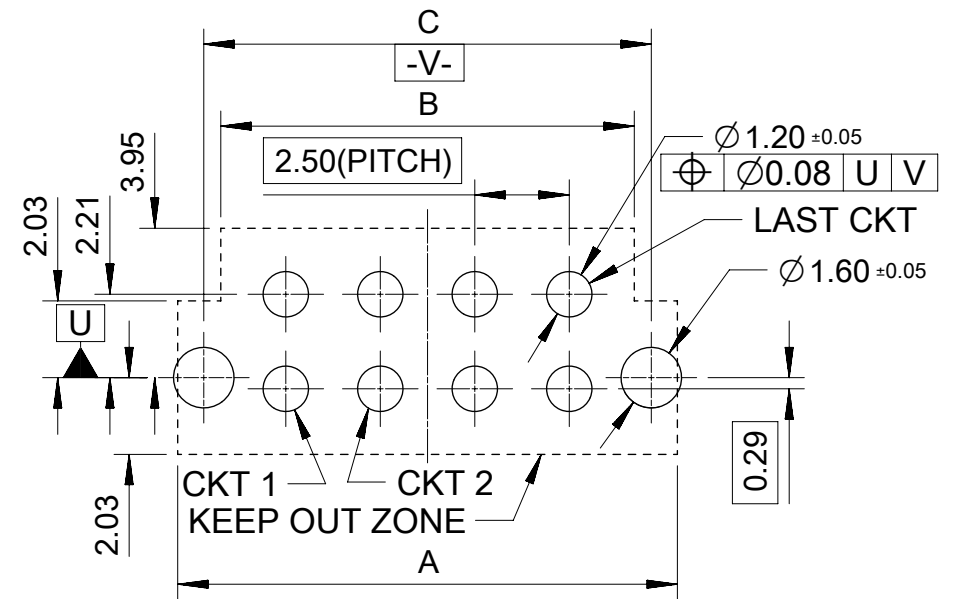
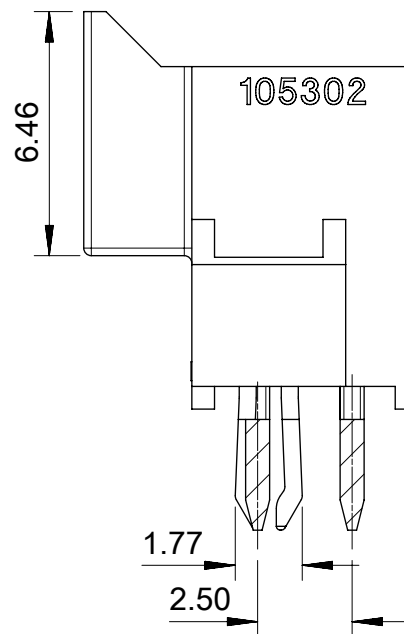
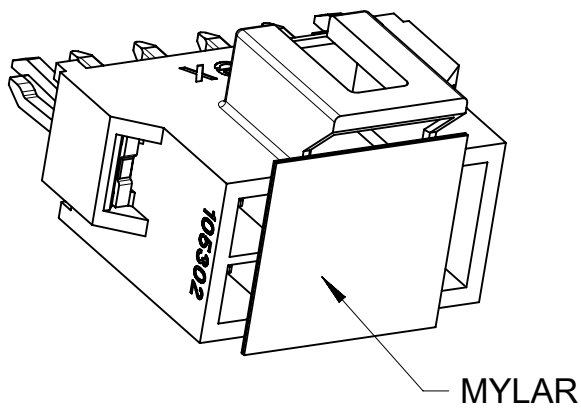
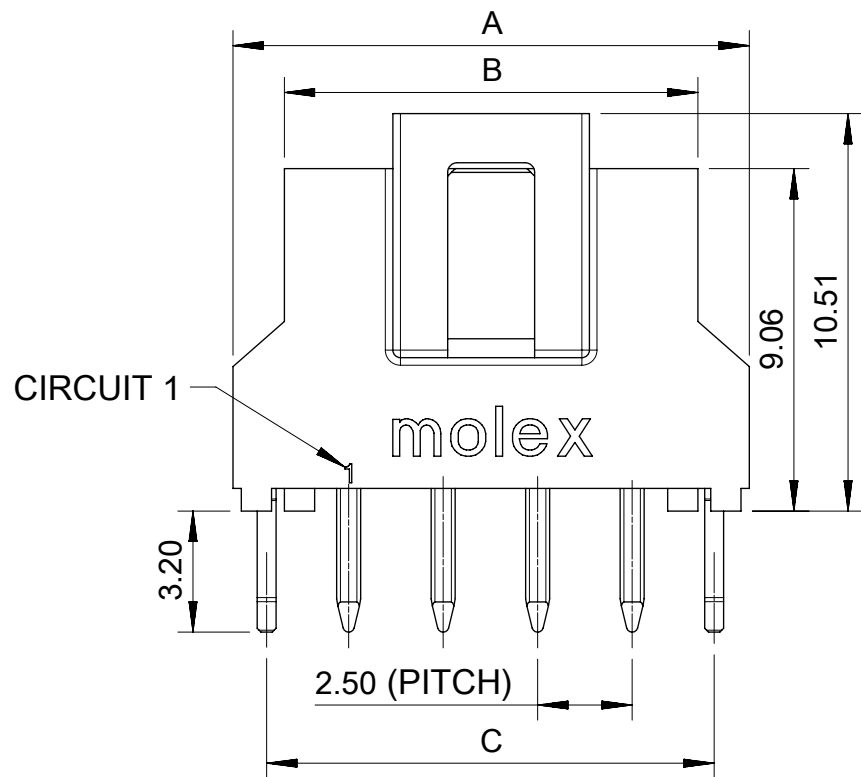
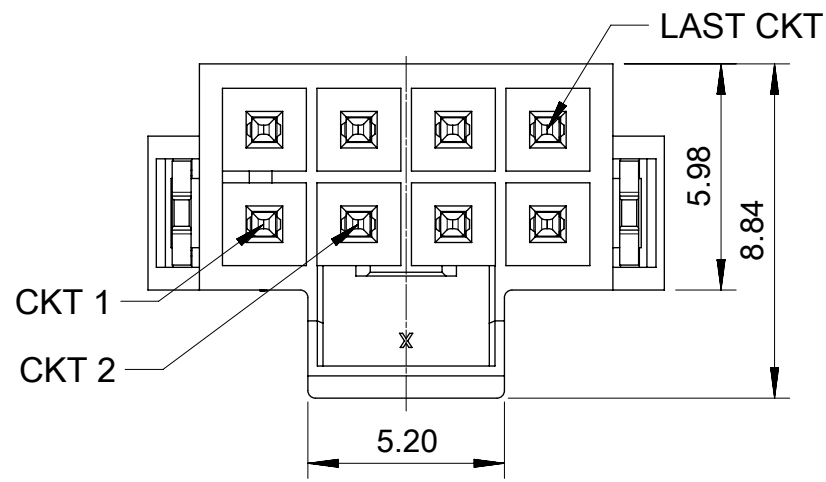
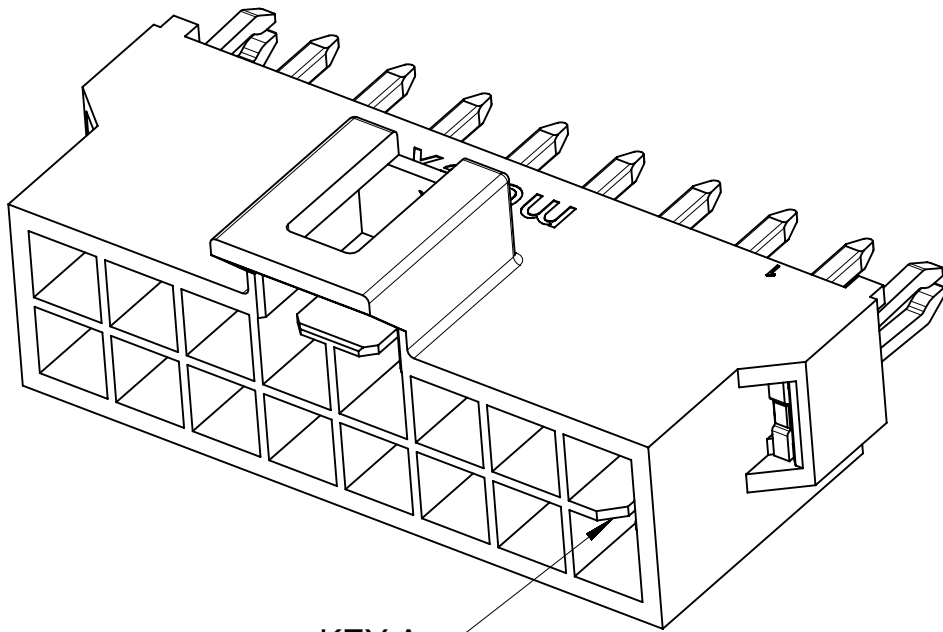


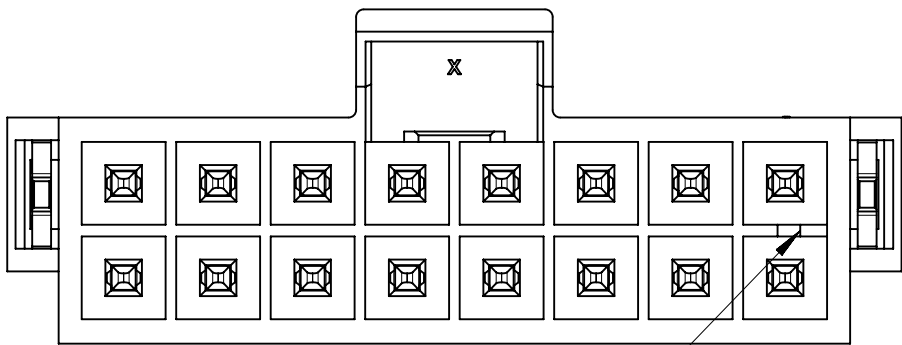


RECOMMENDED PCB(CONNECTOR SIDE VIEW)
THICKNESS=1.6 TO 2.4 MM

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:			molex									
	mm		5:1														
	GENERAL TOLERANCES (UNLESS SPECIFIED)							HEADER OF NANO-FIT, D/R, CLIP, VERTICAL POWER CONNECTOR									
ANGULAR TOL ± 3.0°																	
DIVISIONAL SYMBOLS	4 PLACES		±		EC NO: 697101			PRODUCT CUSTOMER DRAWING									
	3 PLACES		± 0.1		DRWN: GLLI 2022/02/24												
	2 PLACES		± 0.2		CHK'D: XQZHANG 2022/02/25												
	1 PLACE		± 0.3		APPR: XQZHANG 2022/02/25												
	0 PLACES		±		INITIAL REVISION:												
					DRWN: GLLI 2019/09/24												
				APPR: YXZHENG 2020/03/16													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
						A3-SIZE		105312		1053121000-SD		PSD		000		B1	
										MATERIAL NUMBER		CUSTOMER				SHEET NUMBER	
												GENERAL MARKET				1 OF 5	

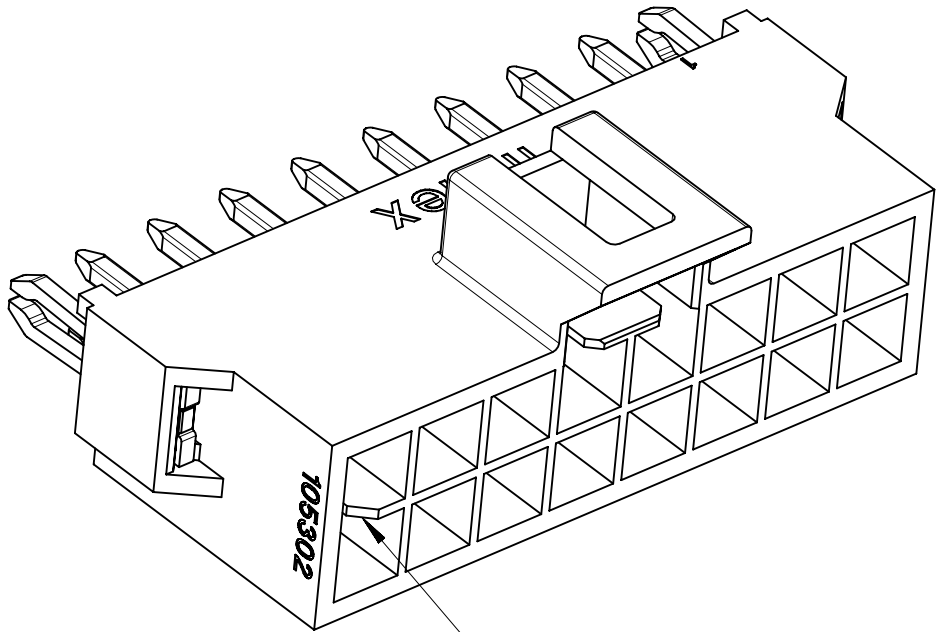


KEY A

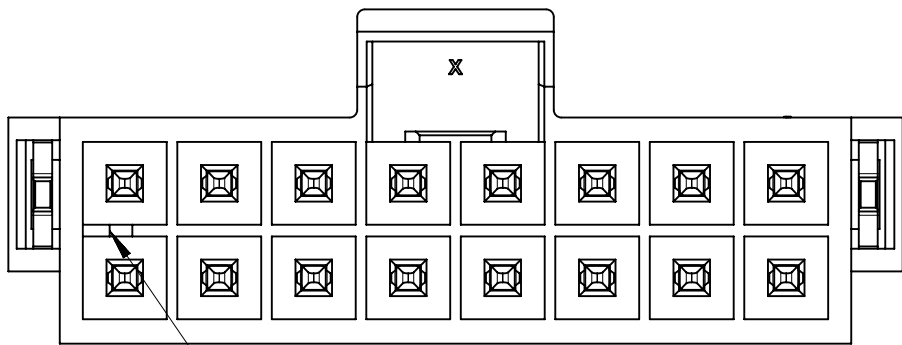


KEY A

BLACK



KEY B



KEY B

NATURAL

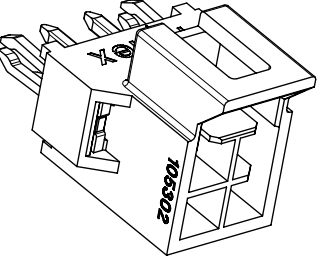
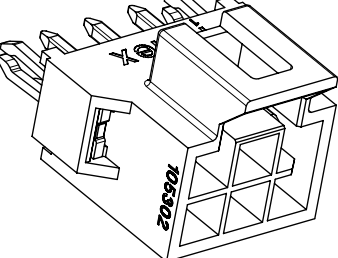
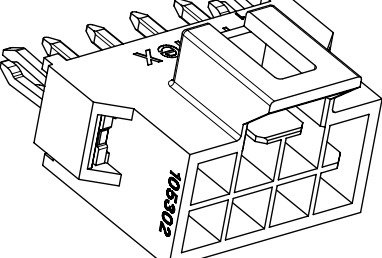
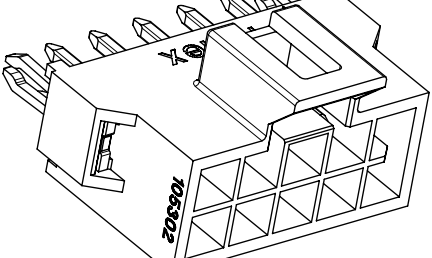
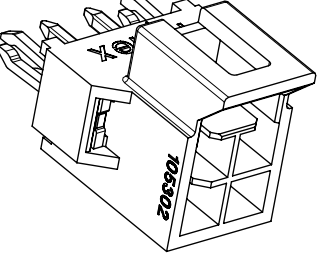
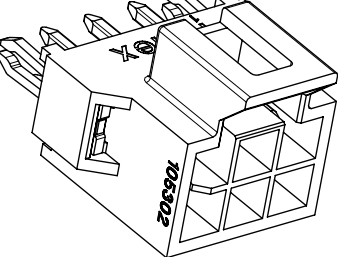
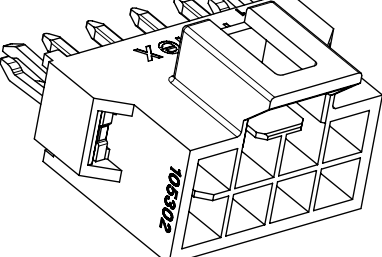
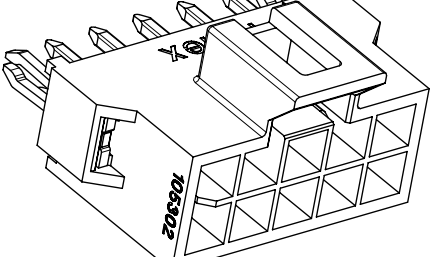
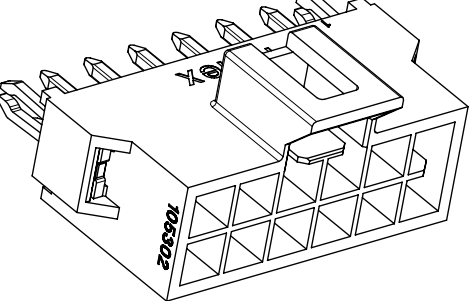
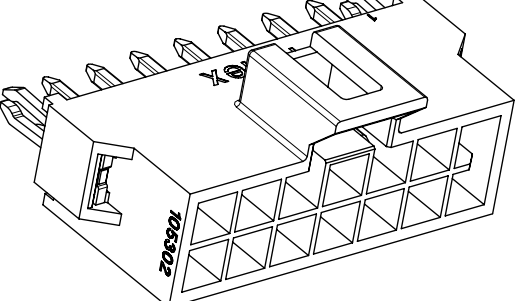
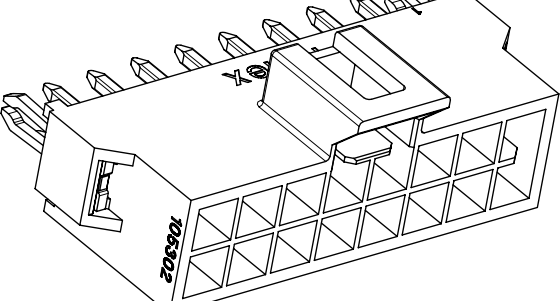
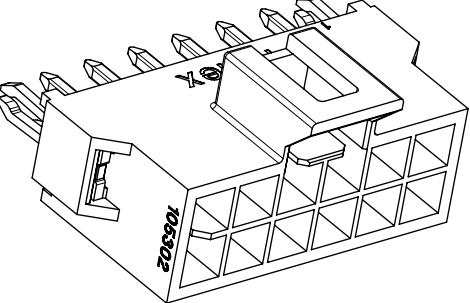
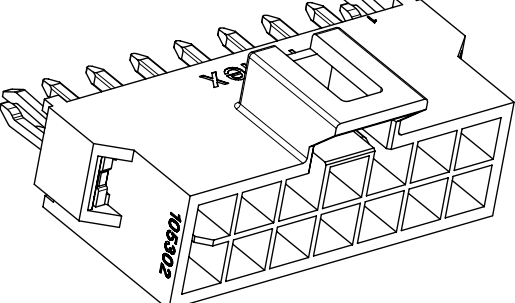
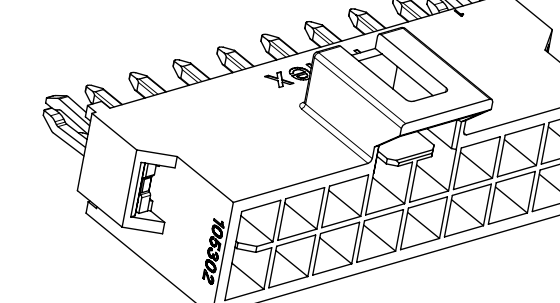
COLOR OPTION

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
	DIMENSION UNITS		SCALE		CURRENT REV DESC:						molex					
	mm		5:1													
	GENERAL TOLERANCES (UNLESS SPECIFIED)										EC NO: 697101 DRWN: GLLI CHK'D: XQZHANG APPR: XQZHANG INITIAL REVISION: DRWN: GLLI APPR: YXZHENG					
ANGULAR TOL ± 3.0 °																
4 PLACES		±		PRODUCT CUSTOMER DRAWING												
3 PLACES		± 0.1														
2 PLACES		± 0.2														
1 PLACE		± 0.3														
0 PLACES		±		DOCUMENT NUMBER				DOC TYPE		DOC PART						
DIVISIONAL SYMBOLS	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
							A3-SIZE		105312				GENERAL MARKET		2 OF 5	

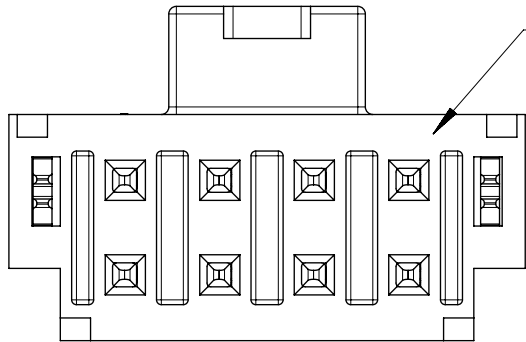
DOCUMENT STATUS	P1	RELEASE DATE	2022/02/25	03:08:44
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FORMAT: master-b-prod-A3
REVISION: J
DATE: 2020/01/14

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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			
F	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	105312-4514	21.16				18.44			19.34	14						
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				105312-4704		8.66	5.94		6.84	4						
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				105312-4714			21.16	18.44	19.34	14						
105312-3716	23.66	20.94	21.84	16					105312-4716		23.66	20.94	21.84	16						
105312-3604	8.66	5.94	6.84	4						105312-4604	8.66	5.94	6.84	4						
105312-3606	11.16	8.44	9.34	6	105312-4606						11.16	8.44	9.34	6						
105312-3608	13.66	10.94	11.84	8		105312-4608	13.66				10.94	11.84	8							
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					105312-4614	21.16	18.44	19.34	14							
105312-3616	23.66	20.94	21.84	16	105312-4616					23.66	20.94	21.84	16							
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105312-3806	11.16	8.44	9.34	6			105312-4806			11.16	8.44	9.34	6							
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105312-3816	23.66	20.94	21.84	16			105312-4816			23.66	20.94	21.84	16							
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DIVISIONAL SYMBOLS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER																																																																																																																																																																																																																																																																																																								
DIVISIONAL SYMBOLS																																																																																																																																																																																																																																																																																																																						

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															
		DIMENSION UNITS		SCALE		CURRENT REV DESC:											
		mm		1:1													
		GENERAL TOLERANCES (UNLESS SPECIFIED)															
DIVISIONAL SYMBOLS		ANGULAR TOL ± 3.0 °				EC NO: 697101 DRWN: GLLI2022/02/24 CHK'D: XQZHANG2022/02/25 APPR: XQZHANG2022/02/25											
		4 PLACES		±													
		3 PLACES		± 0.1													
		2 PLACES		± 0.2													
		1 PLACE		± 0.3													
		0 PLACES		±		INITIAL REVISION:											
						DRWN: GLLI2019/09/24											
						APPR: YXZHENG2020/03/16											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION				DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
						A3-SIZE		105312		1053121000-SD		PSD		000		B1	
										MATERIAL NUMBER		CUSTOMER				SHEET NUMBER	
												GENERAL MARKET				5 OF 5	