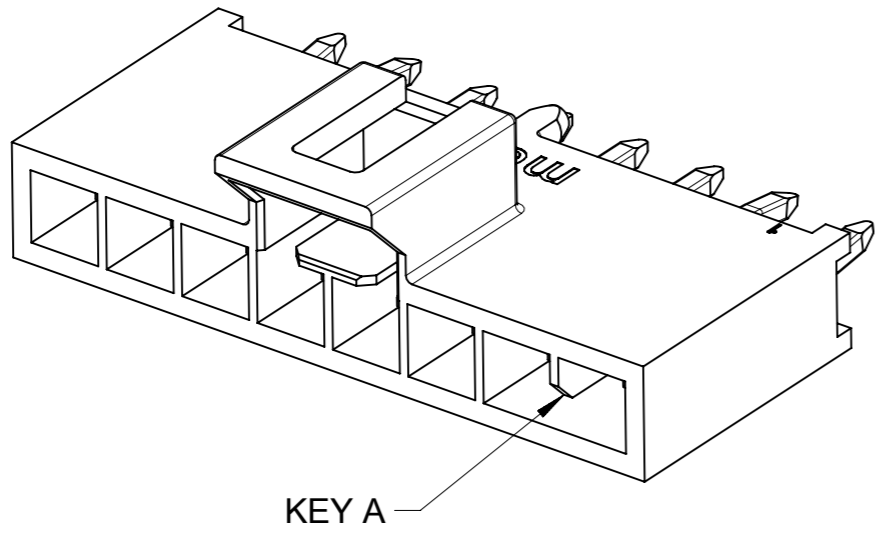


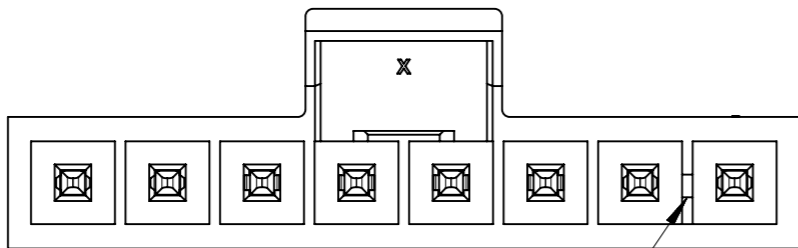
ONLY FOR CKT 3, 5, 7
OTHER DIMENSIONS REFER TO LEFT VIEWS.

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

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		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 826596				HEADER OF NANO-FIT, S/R, VERTICAL, KINK POWER CONNECTOR	
ANGULAR TOL ± 3.0 °				DRWN: LEOW 2025/06/19					
4 PLACES ±				CHK'D: XQZHANG 2025/06/26				PRODUCT CUSTOMER DRAWING	
3 PLACES ± 0.1				APPR: XQZHANG 2025/06/26					
2 PLACES ± 0.2				INITIAL REVISION:				DOCUMENT NUMBER	
1 PLACE ± 0.3				DRWN: GLLI 2014/07/14				SD-105309-100	
0 PLACES ±				APPR: AYIN 2015/04/08				DOC TYPE DOC PART REVISION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		MATERIAL NUMBER	
				A3-SIZE		SERIES		CUSTOMER	
				105309		SEE TABLE		GENERAL MARKET	
								SHEET NUMBER	
								1 OF 5	

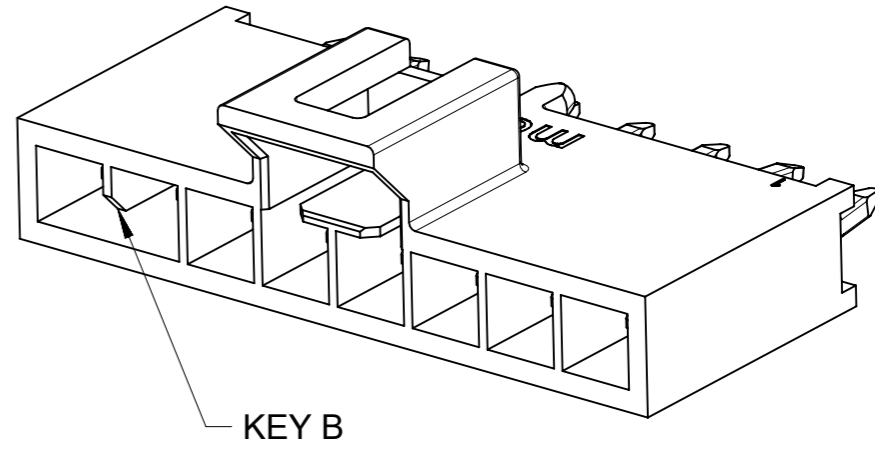


KEY A

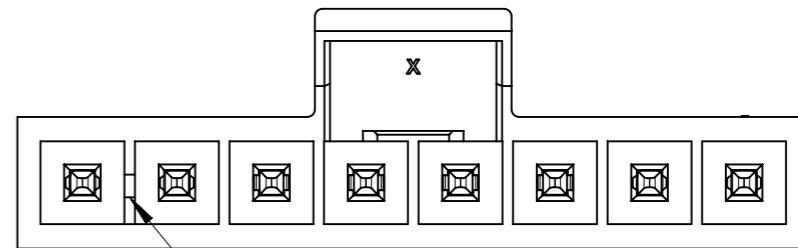


KEY A

BLACK



KEY B



KEY B

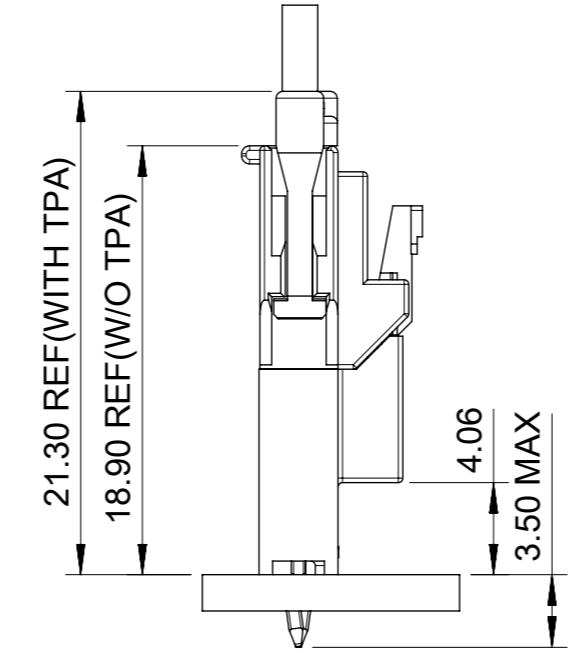
NATURAL

COLOR OPTION

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		NTS											
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 826596 DRWN: LEOW 2025/06/19 CHK'D: XQZHANG 2025/06/26 APPR: XQZHANG 2025/06/26 INITIAL REVISION: DRWN: GLLI 2014/07/14 APPR: AYIN 2015/04/08				HEADER OF NANO-FIT, S/R, VERTICAL, KINK POWER CONNECTOR					
ANGULAR TOL ± 3.0°								PRODUCT CUSTOMER DRAWING					
4 PLACES ±		0.1						DOCUMENT NUMBER		DOC TYPE		DOC PART	
3 PLACES ±		0.2						SD-105309-100		PSD		000	
2 PLACES ±		0.3						SERIES		CUSTOMER		REVISION	
1 PLACE ±		0.3						105309		GENERAL MARKET		H1	
0 PLACES ±				MATERIAL NUMBER		SHEET NUMBER							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SHEET NUMBER					
						A3-SIZE		2 OF 5					

DOCUMENT STATUS	P1	RELEASE DATE	2025/06/26	09:45:40
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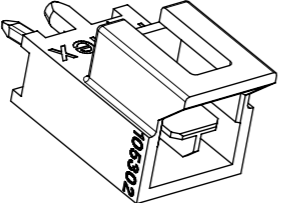
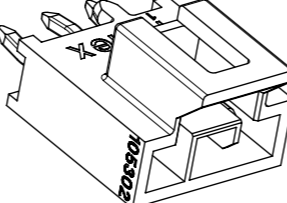
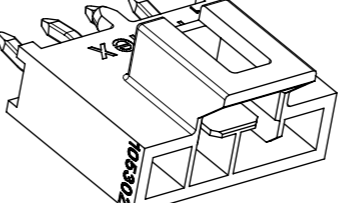
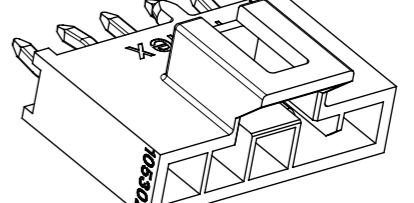
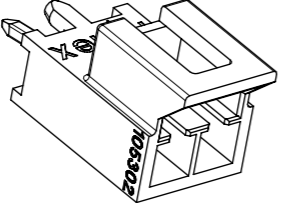
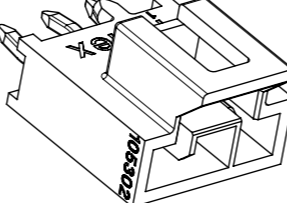
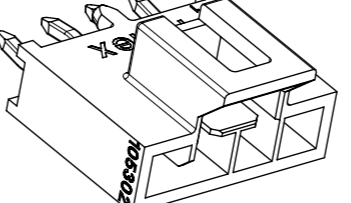
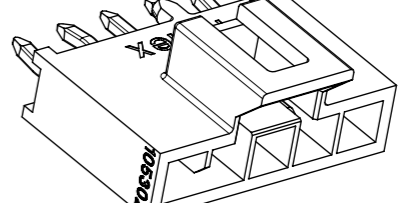
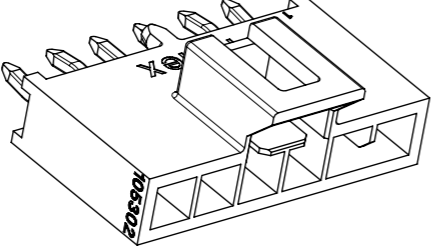
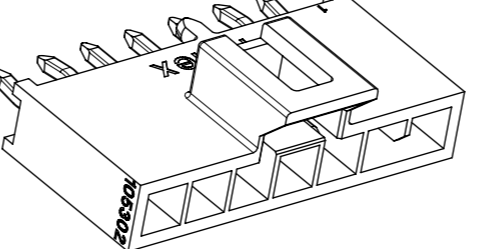
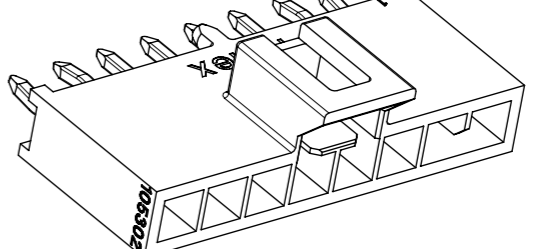
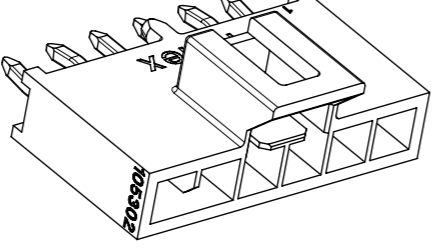
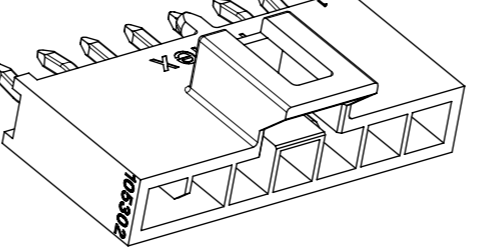
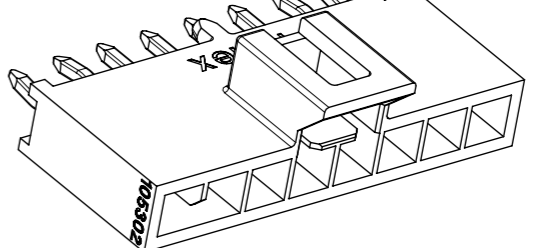
PART NUMBER	DIM 'A'	DIM 'B'	CKT SIZE	PLATING	LUBE
105309-1102	5.94	2.50	2	TIN	
105309-1103	8.44	5.00	3		
105309-1104	10.94	7.50	4		
105309-1105	13.44	10.00	5		
105309-1106	15.94	12.50	6		
105309-1107	18.44	15.00	7		
105309-1108	20.94	17.50	8		
105309-1202	5.94	2.50	2		
105309-1203	8.44	5.00	3		
105309-1204	10.94	7.50	4		
105309-1205	13.44	10.00	5		
105309-1206	15.94	12.50	6		
105309-1207	18.44	15.00	7		
105309-1208	20.94	17.50	8		
105309-1302	5.94	2.50	2	GOLD 0.76	
105309-1303	8.44	5.00	3		
105309-1304	10.94	7.50	4		
105309-1305	13.44	10.00	5		
105309-1306	15.94	12.50	6		
105309-1307	18.44	15.00	7		
105309-1308	20.94	17.50	8		
105309-1402	5.94	2.50	2		
105309-1403	8.44	5.00	3		
105309-1404	10.94	7.50	4		
105309-1405	13.44	10.00	5		
105309-1406	15.94	12.50	6		
105309-1407	18.44	15.00	7		
105309-1408	20.94	17.50	8		
COLOR: BLACK					

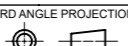


105309- * * * *
 * CIRCUIT SIZE
 * PLATING OPTION
 1 - TIN
 2 - GOLD 0.38
 3 - GOLD 0.76
 4 - GOLD AND LUBE
 * COLOR OPTION
 1 - BLACK
 2 - NATURAL

PART NUMBER	DIM 'A'	DIM 'B'	CKT SIZE	PLATING	LUBE
105309-2102	5.94	2.50	2	TIN	
105309-2103	8.44	5.00	3		
105309-2104	10.94	7.50	4		
105309-2105	13.44	10.00	5		
105309-2106	15.94	12.50	6		
105309-2107	18.44	15.00	7		
105309-2108	20.94	17.50	8		
105309-2202	5.94	2.50	2		
105309-2203	8.44	5.00	3		
105309-2204	10.94	7.50	4		
105309-2205	13.44	10.00	5		
105309-2206	15.94	12.50	6		
105309-2207	18.44	15.00	7		
105309-2208	20.94	17.50	8		
105309-2302	5.94	2.50	2	GOLD 0.76	
105309-2303	8.44	5.00	3		
105309-2304	10.94	7.50	4		
105309-2305	13.44	10.00	5		
105309-2306	15.94	12.50	6		
105309-2307	18.44	15.00	7		
105309-2308	20.94	17.50	8		
105309-2402	5.94	2.50	2		
105309-2403	8.44	5.00	3		
105309-2404	10.94	7.50	4		
105309-2405	13.44	10.00	5		
105309-2406	15.94	12.50	6		
105309-2407	18.44	15.00	7		
105309-2408	20.94	17.50	8		
COLOR: NATURAL					

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DIMENSION UNITS	SCALE	CURRENT REV DESC:							
mm	NTS								
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 826596			HEADER OF NANO-FIT, S/R, VERTICAL, KINK POWER CONNECTOR PRODUCT CUSTOMER DRAWING				
ANGULAR TOL	± 3.0 °	DRWN: LEOW 2025/06/19							
4 PLACES	±	CHK'D: XQZHANG 2025/06/26			DOCUMENT NUMBER: SD-105309-100 DOC TYPE: PSD DOC PART: 000 REVISION: H1				
3 PLACES	± 0.1	APPR: XQZHANG 2025/06/26							
2 PLACES	± 0.2	INITIAL REVISION:			MATERIAL NUMBER: SEE TABLE CUSTOMER: GENERAL MARKET SHEET NUMBER: 3 OF 5				
1 PLACE	± 0.3	DRWN: GLLI 2014/07/14							
0 PLACES	±	APPR: AYIN 2015/04/08			THIRD ANGLE PROJECTION DRAWING: A3-SIZE SERIES: 105309				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING: A3-SIZE							

		2 CKT	3 CKT	4 CKT	5 CKT
F	BLACK				
E	NATURAL				
		6 CKT	7 CKT	8 CKT	
D	BLACK				
C	NATURAL				

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		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 826596				HEADER OF NANO-FIT, S/R, VERTICAL, KINK POWER CONNECTOR	
ANGULAR TOL ± 3.0 °				DRWN: LEOW 2025/06/19					
4 PLACES ±				CHK'D: XQZHANG 2025/06/26				PRODUCT CUSTOMER DRAWING	
3 PLACES ± 0.1				APPR: XQZHANG 2025/06/26					
2 PLACES ± 0.2				INITIAL REVISION:				DOCUMENT NUMBER	
1 PLACE ± 0.3				DRWN: GLLI 2014/07/14				SD-105309-100	
0 PLACES ±				APPR: AYIN 2015/04/08				DOC TYPE DOC PART REVISION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		MATERIAL NUMBER	
						A3-SIZE		CUSTOMER	
				SERIES		GENERAL MARKET		SHEET NUMBER	
				105309		SEE TABLE		4 OF 5	

NOTES FOR ALL PARTS

1> MATERIAL:
HOUSING: LCP 30% GF, UL 94V-0; TERMINAL: BRASS.

2> PLATING FINISHED:
TERMINAL:
CONTACT AREA: a. REFLOWED MATTE TIN 1.5MICRONS MIN;
b. GOLD 0.38 MICRONS MIN;
c. GOLD 0.76 MICRONS MIN.

SOLDER AREA: TIN 1.5 MICRONS MIN, UNDER PLATING NICKEL 1.25 MICRONS MIN.

SOLDER CLIP: TIN 2.5 MICRONS MIN, UNDER PLATING NICKEL 1.25 MICRONS MIN.

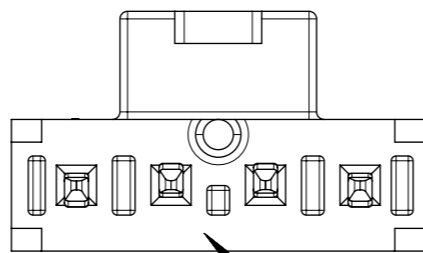
3> PRODUCT SPECIFICATION: PS-105300-100.

4> PACKAGE: TRAY, PK-105309-300.

5> PRODUCT MATE WITH SERIES OF 105307 AND 226354(RECEPTACLE).

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.

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		HEADER OF NANO-FIT, S/R, VERTICAL, KINK POWER CONNECTOR	
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 826596				PRODUCT CUSTOMER DRAWING			
ANGULAR TOL ± 3.0 °				DRWN: LEOW 2025/06/19							
4 PLACES ±				CHK'D: XQZHANG 2025/06/26				DOCUMENT NUMBER: SD-105309-100 DOC TYPE: PSD DOC PART: 000 REVISION: H1			
3 PLACES ± 0.1				APPR: XQZHANG 2025/06/26							
2 PLACES ± 0.2				INITIAL REVISION:				MATERIAL NUMBER: SEE TABLE CUSTOMER: GENERAL MARKET SHEET NUMBER: 5 OF 5			
1 PLACE ± 0.3				DRWN: GLLI 2014/07/14							
0 PLACES ±				APPR: AYIN 2015/04/08							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	
				A3-SIZE		105309		SEE TABLE		GENERAL MARKET	