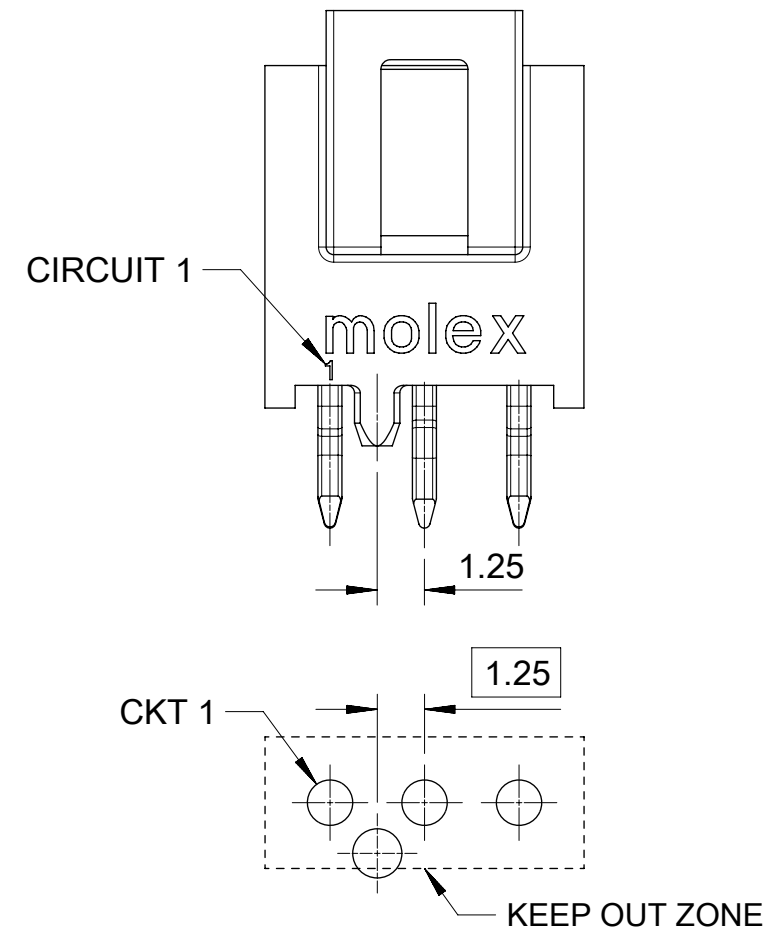
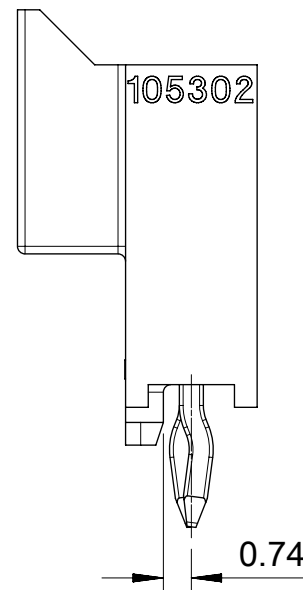
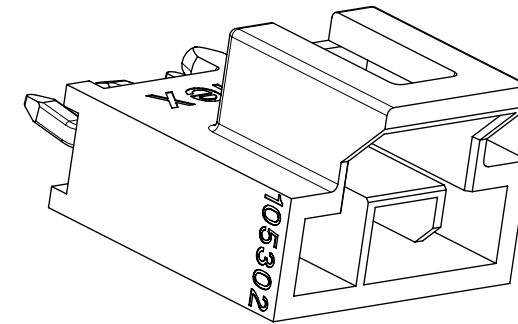
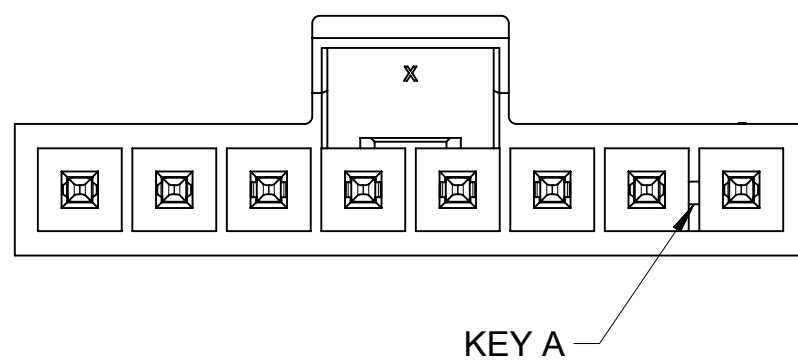
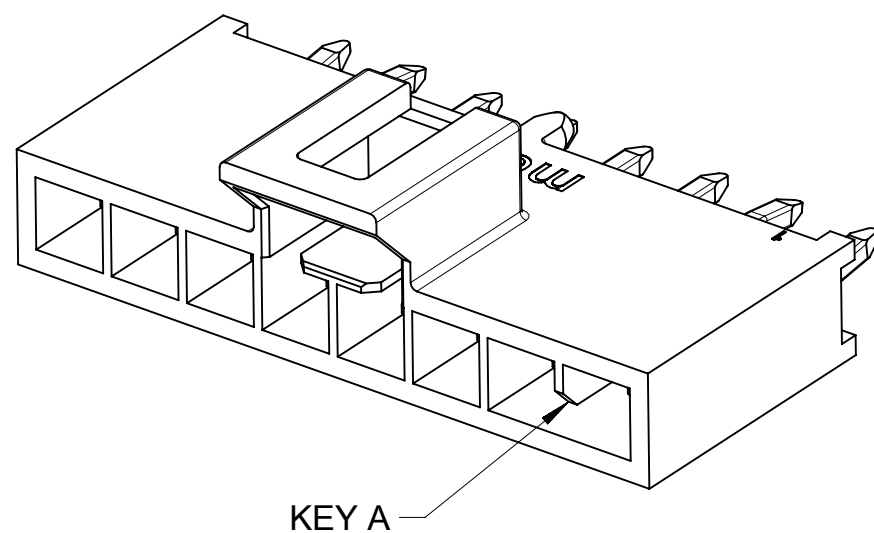


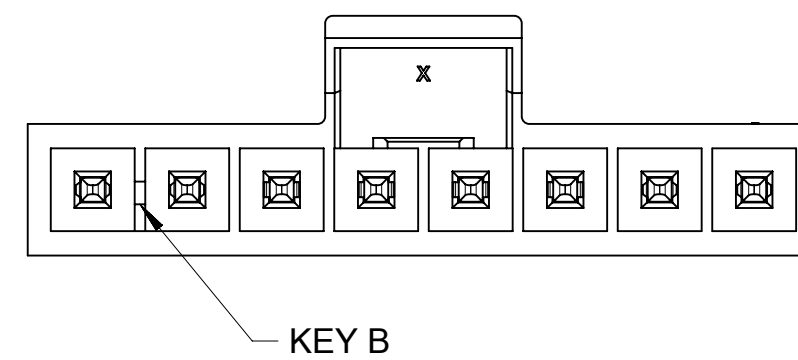
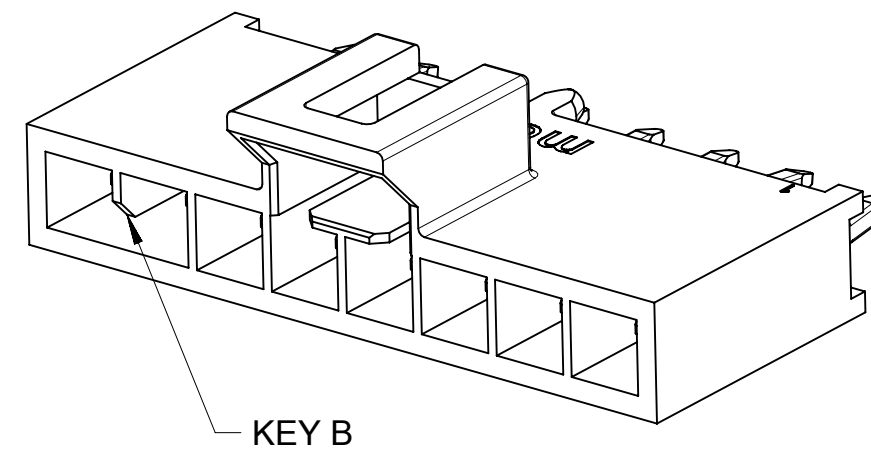


RECOMMENDED PCB(CONNECTOR SIDE VIEW)
THICKNESS= 1.6 TO 2.4 MM.

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

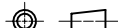


BLACK



NATURAL

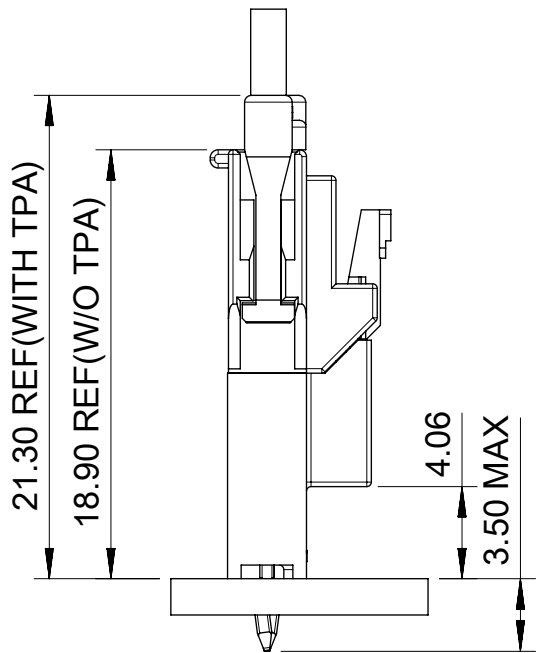
COLOR OPTION

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)				HEADER OF NANO-FIT, S/R, VERTICAL, KINK POWER CONNECTOR											
ANGULAR TOL ± 3.0°															
4 PLACES		±		EC NO: 826596				PRODUCT CUSTOMER DRAWING							
3 PLACES		± 0.1		DRWN: LEOW 2025/06/19											
2 PLACES		± 0.2		CHK'D: XQZHANG 2025/06/26											
INITIAL REVISION:				APPR: XQZHANG 2025/06/26				DOCUMENT NUMBER SD-105309-100				DOC TYPE PSD	DOC PART 000	REVISION H1	
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 A3-SIZE		SERIES 105309		MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 2 OF 5	

DOCUMENT STATUS	P1	RELEASE DATE	2025/06/26	09:45:40
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FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01

10		9		8			
PART NUMBER		DIM 'A'	DIM 'B'	CKT SIZE	PLATING	LUBE	
105309-1102		5.94	2.50	2	TIN	NO	
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	GOLD 0.38		
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	GOLD 0.76	YES	
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

	3		2		1	
PART NUMBER	DIM 'A'	DIM 'B'	CKT SIZE	PLATING	LUBE	
105309-2102	5.94	2.50	2	TIN	NO	
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	GOLD 0.38		
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	GOLD 0.76	YES	
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						

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

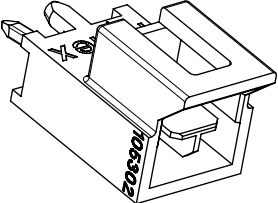
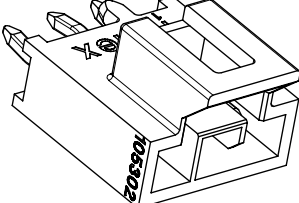
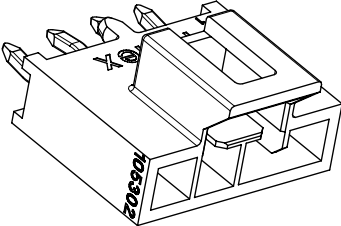
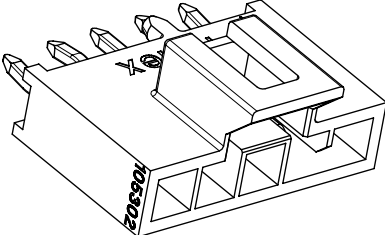
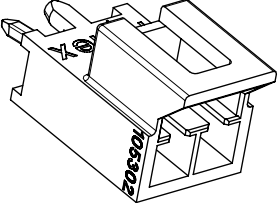
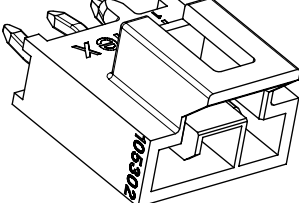
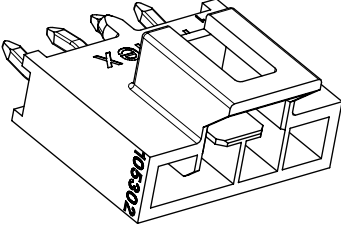
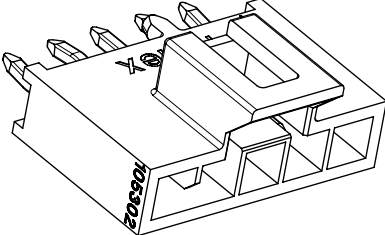
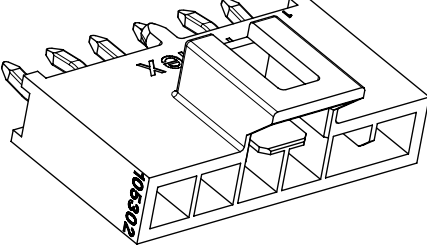
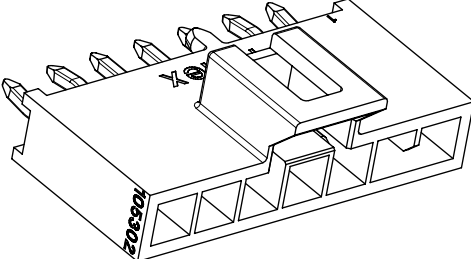
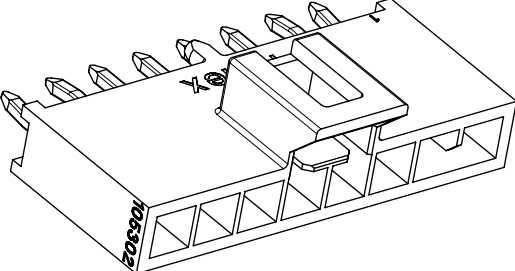
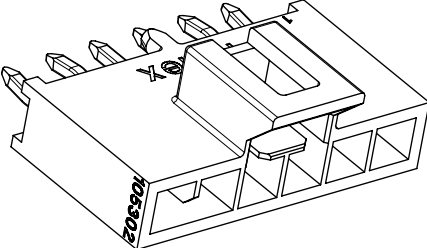
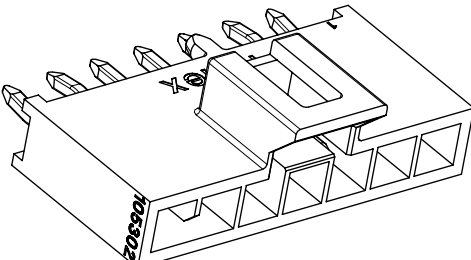
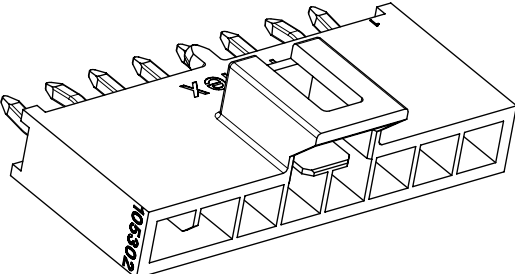
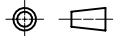
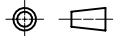
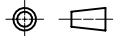
DIMENSION UNITS	SCALE	CURRENT REV DESC:		molex HEADER OF NANO-FIT, S/R, VERTICAL, KINK POWER CONNECTOR					
mm	NTS								
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL	± 3.0 °			PRODUCT CUSTOMER DRAWING					
4 PLACES	±	EC NO: 826596		INITIAL REVISION:					
3 PLACES	± 0.1	DRWN: LEOW		2025/06/19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

DOCUMENT STATUS

P1

RELEASE DATE

2025/06/26 09:45:40

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NOTES FOR ALL PARTS

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

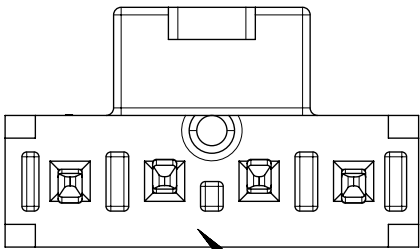
2> PLATING FINISHED:
TERMINAL:
CONTACT AREA: a. REFLOWED MATTE TIN 1.5MICRONS MIN;
b. GOLD 0.38 MICRONS MIN;
c. GOLD 0.76 MICRONS MIN.
SOLDER AREA: TIN 1.5 MICRONS MIN, UNDER PLATING NICKEL 1.25 MICRONS MIN.
SOLDER CLIP: TIN 2.5 MICRONS MIN, UNDER PLATING NICKEL 1.25 MICRONS MIN.
- 3> PRODUCT SPECIFICATION: 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.