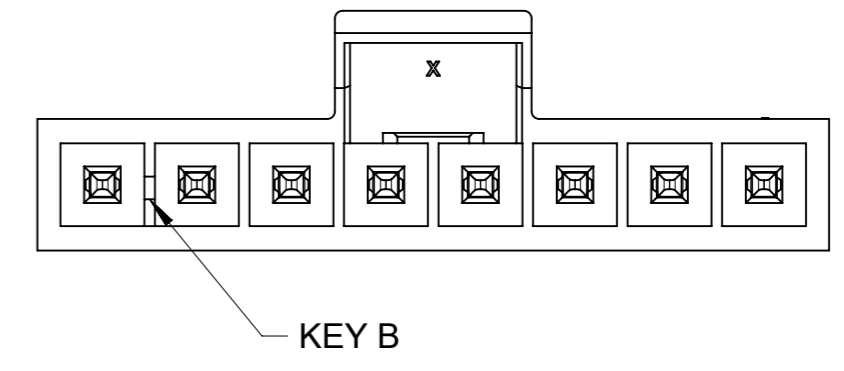
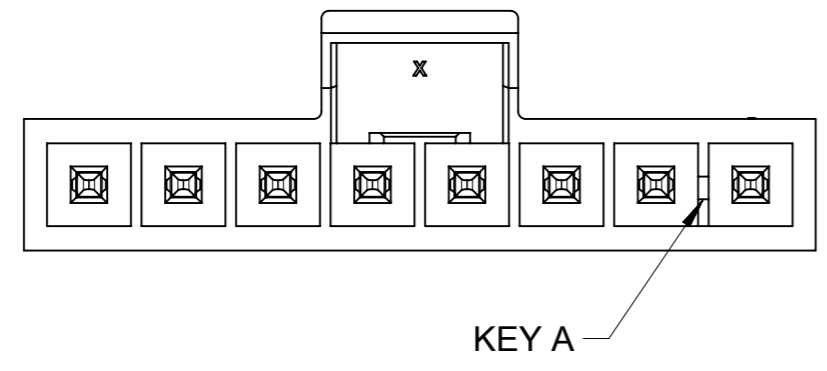
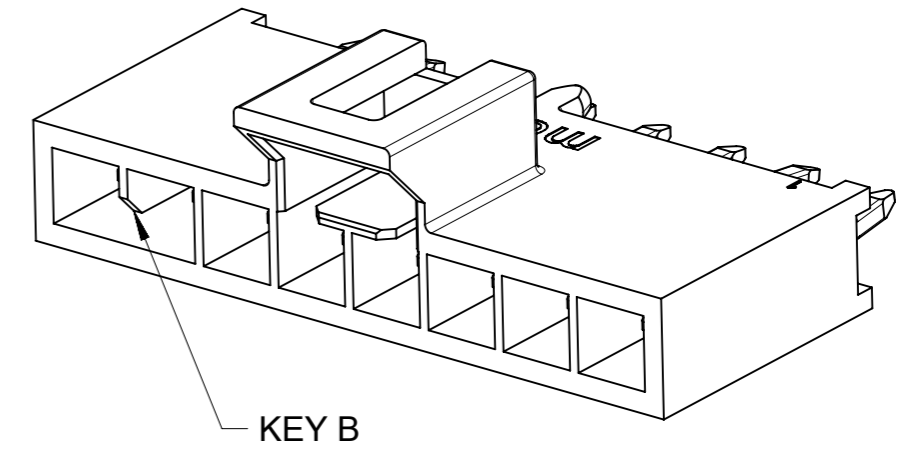
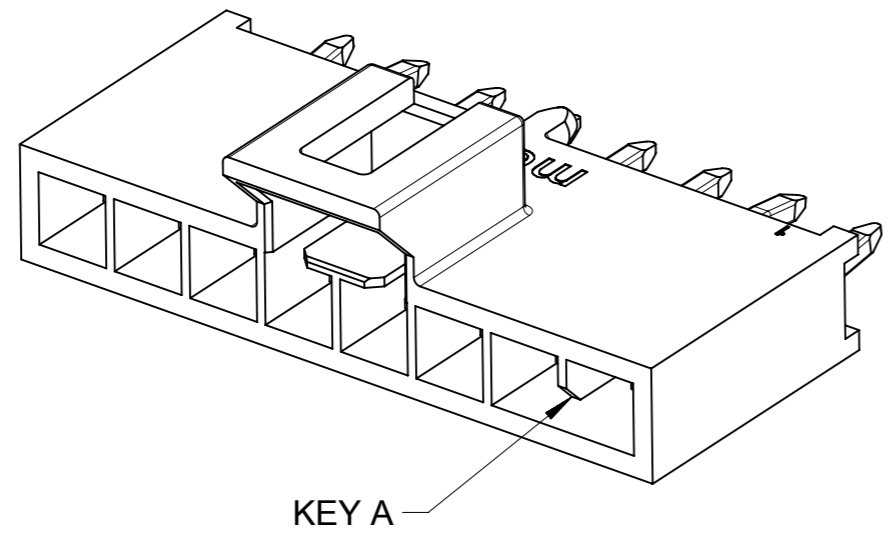


ONLY FOR CKT 3, 5, 7
OTHER DIMENSIONS REFER TO LEFT VIEWS.

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

QUALITY SYMBOLS FA = 0 FE = 0 FB = 0 FV = 0 FC = 0 FX = 0 FS = 0 FT = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
	2018/09/21	2019/04/17	2019/04/17	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE			
	DRWN: GLLI	CHK'D: AYIN	APPR: AYIN	ANGULAR TOL ± 3.0 °		mm	5:1			
	EC NO: 614394 DRWN: GLLI CHK'D: AYIN APPR: AYIN	4 PLACES	±	4 PLACES ±		DRWN BY	DATE	HEADER OF NANO-FIT, S/R, VERTICAL, KINK POWER CONNECTOR		
		3 PLACES	± 0.1	3 PLACES ± 0.1		GLLI	2014/07/14			
		2 PLACES	± 0.2	2 PLACES ± 0.2		CHK'D BY	DATE	PRODUCT CUSTOMER DRAWING		
		1 PLACE	± 0.3	1 PLACE ± 0.3		AYIN	2015/04/08			
		0 PLACES	±	0 PLACES ±		APPR BY	DATE	SERIES	MATERIAL NUMBER	CUSTOMER
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		A3		THIRD ANGLE PROJECTION		105309	SEE SHEET 2	GENERAL MARKET	
							DOCUMENT NUMBER		DOC TYPE	DOC PART
						SD-105309-100		PSD	000	1 OF 5



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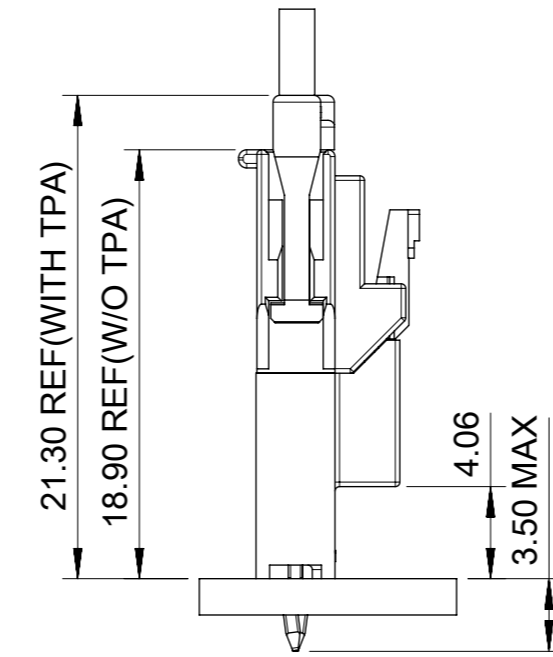
NATURAL

COLOR OPTION

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
SYMBOLS	DIMENSION UNITS	SCALE	CURRENT REV DESC:				molex		
	$\nabla = 0$	mm							
$\nabla = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 614394				HEADER OF NANO-FIT, S/R, VERTICAL, KINK POWER CONNECTOR		
$\nabla = 0$	ANGULAR TOL $\pm 3.0^\circ$		DRWN: GLLI 2018/09/21				PRODUCT CUSTOMER DRAWING		
$\nabla = 0$	4 PLACES \pm		CHK'D: AYIN 2019/04/17				DOCUMENT NUMBER		
$\nabla = 0$	3 PLACES ± 0.1		APPR: AYIN 2019/04/17				SD-105309-100		
$\nabla = 0$	2 PLACES ± 0.2		INITIAL REVISION:				DOC TYPE		
$\nabla = 0$	1 PLACE ± 0.3		DRWN: GLLI 2015/05/28				DOC PART		
$\nabla = 0$	0 PLACES \pm		APPR: AYIN 2016/04/27				REVISION		
$\nabla = 0$	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
$\nabla = 0$				A3-SIZE	105309		GENERAL MARKET	2 OF 5	

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

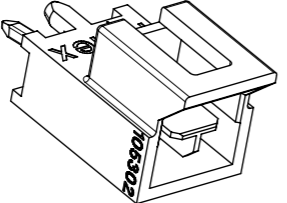
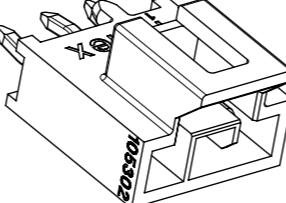
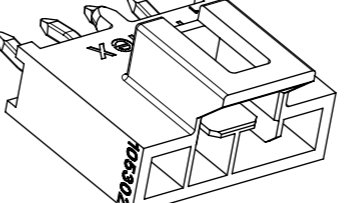
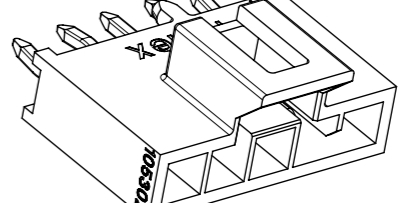
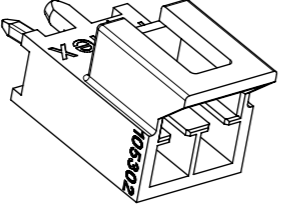
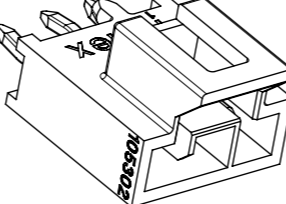
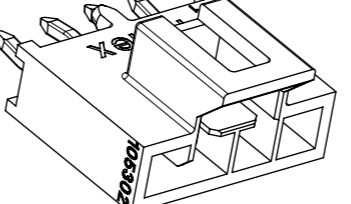
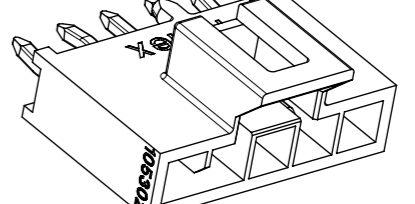
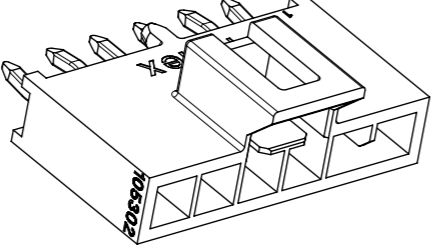
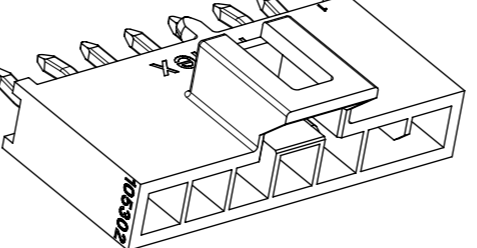
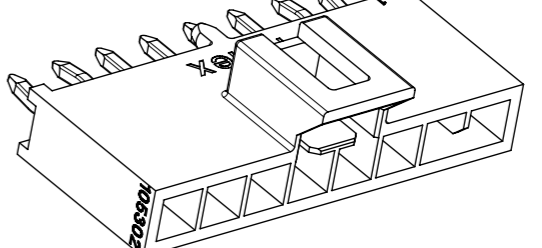
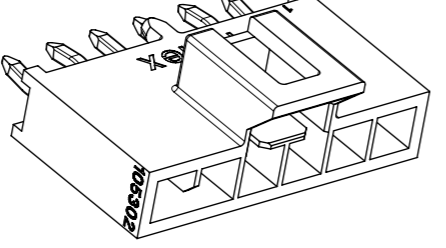
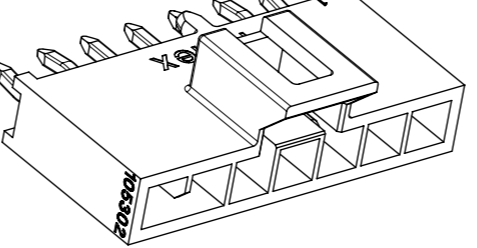
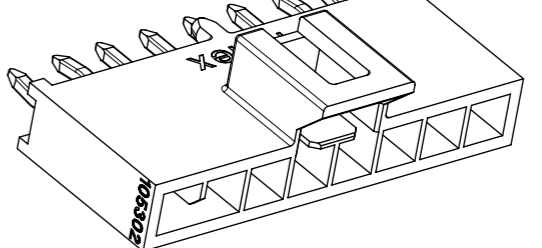










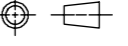
105309- * * * *
 * CIRCUIT SIZE
 * PLATING OPTION
 1 - TIN
 2 - GOLD 0.38
 3 - GOLD 0.76
 * COLOR OPTION
 1 - BLACK
 2 - NATURAL

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

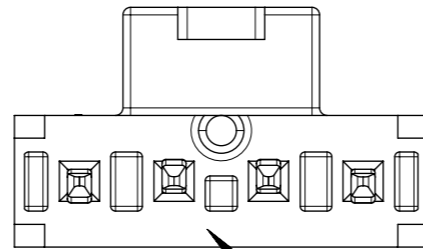
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
QUALITY SYMBOLS 	2018/09/21	EC NO: 614394 DRWN: GLLI CHK'D: AYIN APPR: AYIN	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE					
	2019/04/17		ANGULAR TOL ± 3.0 °		mm	3:1					
	2019/04/17		4 PLACES	±	DRWN BY	DATE	HEADER OF NANO-FIT, S/R, VERTICAL, KINK POWER CONNECTOR				
			3 PLACES	± 0.1	GLLI	2014/07/14					
			2 PLACES	± 0.2	CHK'D BY	DATE	PRODUCT CUSTOMER DRAWING				
	1 PLACE	± 0.3	AYIN	2015/04/08							
	0 PLACES	±	APPR BY	DATE	DRAWING SIZE	THIRD ANGLE PROJECTION	SERIES	MATERIAL NUMBER	CUSTOMER		
					A3		105309	SEE CHART	GENERAL MARKET		
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DOCUMENT NUMBER		DOC TYPE	DOC PART	SHEET NUMBER
							SD-105309-100		PSD	000	3 OF 5

		2 CKT	3 CKT	4 CKT	5 CKT
BLACK					
NATURAL					
		6 CKT	7 CKT		8 CKT
BLACK					
NATURAL					

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
QUALITY SYMBOLS  = 0  = 0  = 0  = 0  = 0  = 0  = 0		EC NO: 614394 DRWN: GLLI CHK'D: AYIN APPR: AYIN		2018/09/21 2019/04/17 2019/04/17		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		DIMENSION UNITS mm		SCALE 3:1			
DRWN BY GLLI				DATE 2014/07/14				 HEADER OF NANO-FIT, S/R, VERTICAL, KINK POWER CONNECTOR							
CHK'D BY AYIN				DATE 2015/04/08											
APPR BY AYIN				DATE 2015/04/08				SERIES 105309		MATERIAL NUMBER SEE SHEET 2		CUSTOMER GENERAL MARKET			
DRAWING SIZE A3				THIRD ANGLE PROJECTION 				DOCUMENT NUMBER SD-105309-100		DOC TYPE PSD		DOC PART 000		SHEET NUMBER 4 OF 5	

NOTES FOR ALL PARTS

- | | |
|--|--|
| <p>1> MATERIAL:
HOUSING: LCP 30% GF, 94V-0; TERMINAL: BRASS.</p> <p>2> PLATING FINISHED:
TERMINAL:
CONTACT AREA: a. 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.</p> <p>3> PRODUCT SPECIFICATION: PS-105300-100.</p> | <p>4> PACKAGE: TRAY, PK-105309-300.</p> <p>5> ALL COMPONENTS AND PRODUCT COMPLIANT TO RoHS DIRECTIVE 2011/65/EU AND ELV DIRECTIVE 2000/53/EC.</p> <p>6> PRODUCT MATE WITH SERIES OF 105308(RECEPTACLE), 105300(CRIMP TERMINAL).</p> <p>7> PARTS CONFORM TO CLASS 'B'REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.</p> <p>8> 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.</p> |
|--|--|



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.

<p>QUALITY SYMBOLS</p> <p>▽A = 0</p> <p>▽E = 0</p> <p>▽P = 0</p> <p>▼ = 0</p> <p>▽C = 0</p> <p>⊗ = 0</p> <p>■ = 0</p> <p>▽ = 0</p>	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
	<p>2018/09/21</p> <p>2019/04/17</p> <p>2019/04/17</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE	<p>HEADER OF NANO-FIT, S/R, VERTICAL, KINK POWER CONNECTOR</p>					
		ANGULAR TOL ± 3.0 °		mm							
		4 PLACES ±	DRWN BY		DATE						
		3 PLACES ± 0.1	GLLI		2015/05/28						
		2 PLACES ± 0.2	CHK'D BY		DATE						
	1 PLACE ± 0.3	APPR BY		DATE	PRODUCT CUSTOMER DRAWING						
	0 PLACES ±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE	THIRD ANGLE PROJECTION	SERIES	MATERIAL NUMBER	CUSTOMER			
		EC NO: 614394	DRWN: GLLI	CHK'D: AYIN	APPR: AYIN	A3	105309	SEE SHEET 2	GENERAL MARKET		
									DOCUMENT NUMBER	DOC TYPE	DOC PART
						SD-105309-100	PSD	000	5 OF 5		