

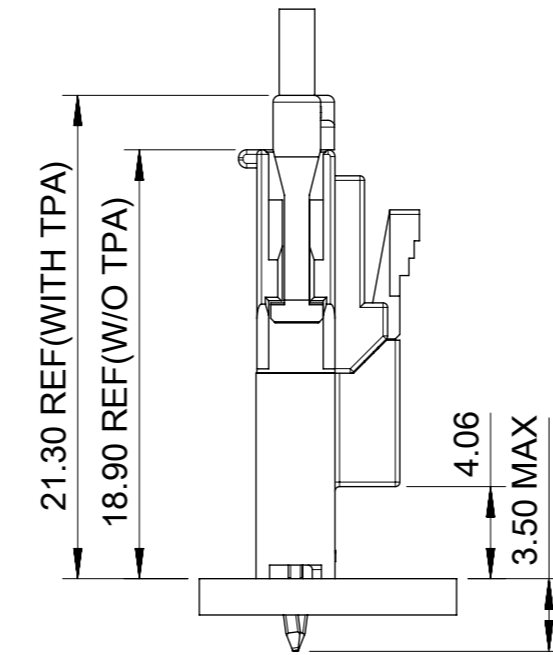
ONLY FOR CKT 3, 5, 7
OTHER DIMENSIONS REFER TO LEFT VIEWS.

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 FZ = 0 F1 = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				DIMENSION UNITS		SCALE											
	2018/04/03		2018/04/23		mm		5:1											
	2018/04/23		2018/04/23		GENERAL TOLERANCES (UNLESS SPECIFIED)		DRWN BY		DATE		HEADER OF NANO-FIT, S/R, VERTICAL, KINK POWER CONNECTOR							
	2018/04/23		2018/04/23		ANGULAR TOL $\pm 3.0^\circ$		GLLI		2014/07/14									
	2018/04/23		2018/04/23		4 PLACES \pm		CHK'D BY		DATE		PRODUCT CUSTOMER DRAWING							
	2018/04/23		2018/04/23		3 PLACES ± 0.1		APPR BY		DATE									
	2018/04/23		2018/04/23		2 PLACES ± 0.2		AYIN		2015/04/08		SERIES		MATERIAL NUMBER		CUSTOMER			
	2018/04/23		2018/04/23		1 PLACE ± 0.3		DRAWING SIZE		THIRD ANGLE PROJECTION		105309		SEE SHEET 2		GENERAL MARKET			
	2018/04/23		2018/04/23		0 PLACES \pm		A3				DOCUMENT NUMBER		DOC TYPE		DOC PART		SHEET NUMBER	
	2018/04/23		2018/04/23		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						SD-105309-100		PSD		000		1 OF 4	

PART NUMBER	DIM 'A'	DIM 'B'	CKT SIZE	PLATING	LUBE
105309-1102	5.94	2.50	2	TIN C	
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

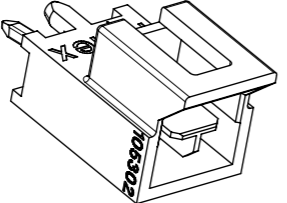
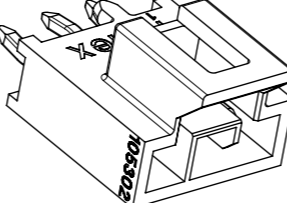
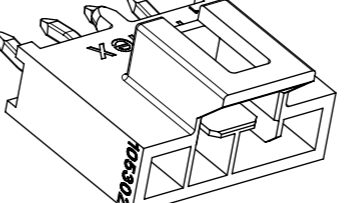
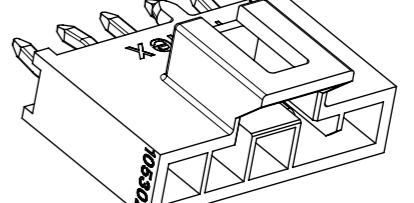
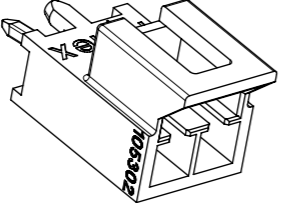
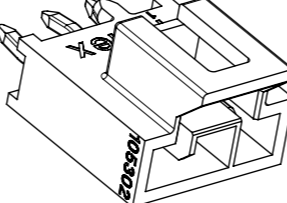
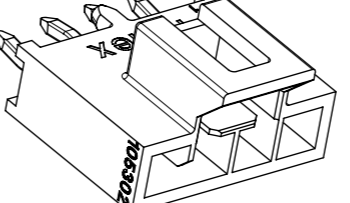
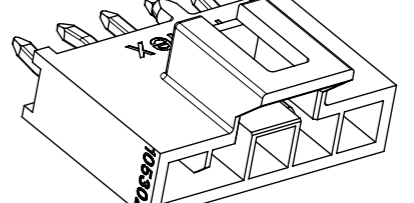
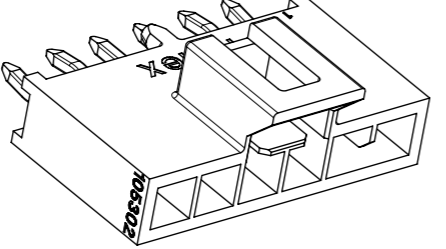
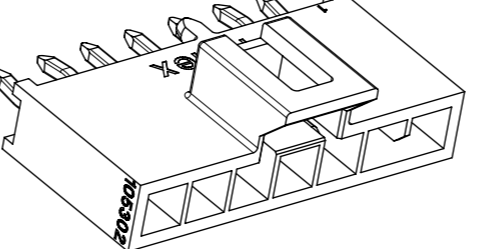
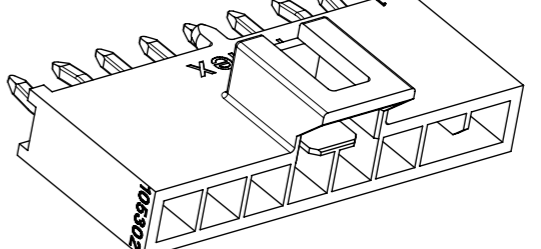
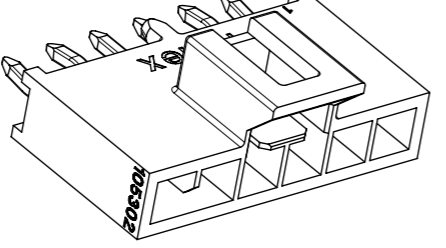
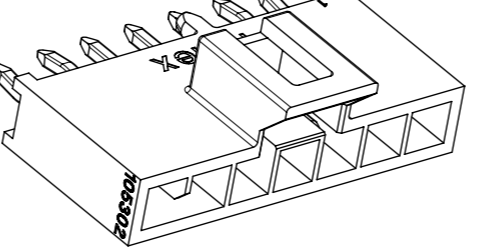
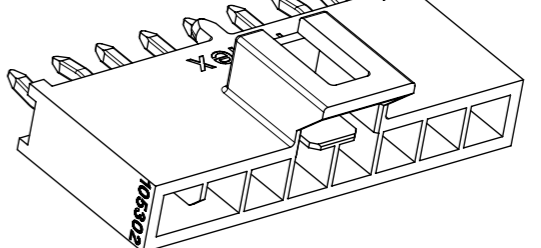











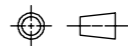
105309- * * * *
 * CIRCUIT SIZE
 * PLATING OPTION
 1 - TIN
 2 - GOLD 0.38
 3 - GOLD 0.76
 * COLOR OPTION
 1 - BLACK
 2 - NATURAL

PART NUMBER	DIM 'A'	DIM 'B'	CKT SIZE	PLATING	LUBE
105309-2102	5.94	2.50	2	TIN C	
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 FA = 0 FE = 0 FB = 0 FV = 0 FC = 0 FX = 0 F■ = 0 F▽ = 0	2018/04/03	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE						
	2018/04/23	ANGULAR TOL ± 3.0 °		mm	3:1						
	2018/04/23	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		APPR BY	DATE							
	0 PLACES ±		AYIN	2015/04/08	SERIES	MATERIAL NUMBER	CUSTOMER				
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE	THIRD ANGLE PROJECTION	105309	SEE CHART	GENERAL MARKET				
	D	REV	A3		SD-105309-100		DOC TYPE	DOC PART	SHEET NUMBER		
						PSD	000	2 OF 4			

		2 CKT	3 CKT	4 CKT	5 CKT
E	BLACK				
D	NATURAL				
		6 CKT	7 CKT	8 CKT	
C	BLACK				
B	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  = 0		2018/04/03 2018/04/23 2018/04/23		GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 3.0 ° 4 PLACES ± 3 PLACES ± 0.1 2 PLACES ± 0.2 1 PLACE ± 0.3 0 PLACES ±		DIMENSION UNITS mm		SCALE 3:1		 HEADER OF NANO-FIT, S/R, VERTICAL, KINK POWER CONNECTOR	
EC NO: 174537 DRWN: GLLI CHK'D: AYIN APPR: AYIN		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN BY GLLI		DATE 2014/07/14		CHK'D BY AYIN			
PRODUCT CUSTOMER DRAWING		DRAWING SIZE A3		THIRD ANGLE PROJECTION 		SERIES 105309	MATERIAL NUMBER SEE SHEET 2		CUSTOMER GENERAL MARKET		
DOCUMENT NUMBER SD-105309-100				DOC TYPE PSD	DOC PART 000	SHEET NUMBER 3 OF 4					

NOTES FOR ALL PARTS

1> MATERIAL:
HOUSING: LCP; TERMINAL: BRASS.

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.

3> PRODUCT SPECIFICATION: PS-105300-100.

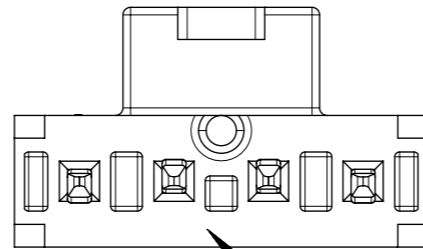
4> PACKAGE: TRAY, PK-105309-300.

5> ALL COMPONENTS AND PRODUCT COMPLIANT TO RoHS DIRECTIVE 2011/65/EU AND ELV DIRECTIVE 2000/53/EC.

6> PRODUCT MATE WITH SERIES OF 105308(RECEPTACLE), 105300(CRIMP TERMINAL).

7> PARTS CONFORM TO CLASS 'B'REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

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.



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.

QUALITY SYMBOLS ▽A = 0 ▽E = 0 ▽P = 0 ▼ = 0 ▽C = 0 ⊗ = 0 ■ = 0 ▽ = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
	2018/04/03	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE						
	2018/04/23	ANGULAR TOL ± 3.0 °		mm							
	2018/04/23	4 PLACES	±	DRWN BY	DATE	HEADER OF NANO-FIT, S/R, VERTICAL, KINK POWER CONNECTOR					
		3 PLACES	± 0.1	GLLI	2015/05/28						
		2 PLACES	± 0.2	CHK'D BY	DATE	PRODUCT CUSTOMER DRAWING					
		1 PLACE	± 0.3	JALEXANDER	2016/04/27						
		0 PLACES	±	APPR BY	DATE	SERIES	MATERIAL NUMBER	CUSTOMER			
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWING SIZE	THIRD ANGLE PROJECTION	105309	SEE SHEET 2	GENERAL MARKET		
					A3		DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER	
						SD-105309-100	PSD	000	4 OF 4		