

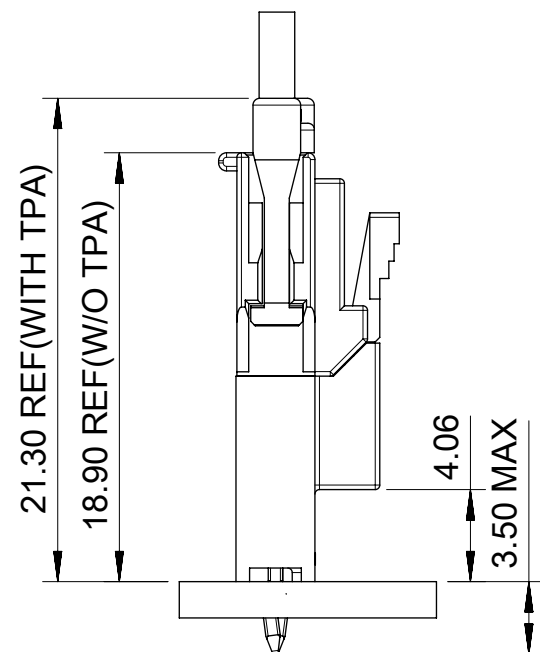
ONLY FOR CKT 3, 5, 7  
OTHER DIMENSIONS REFER TO LEFT VIEWS.

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

<b>QUALITY SYMBOLS</b> FA = 0 FE = 0 FB = 0 FV = 0 FC = 0 FX = 0 F□ = 0 F▽ = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				DIMENSION UNITS: MM SCALE: 5:1				
	EC NO: 115635 DRWN: GLLI CHK'D: GLLI APPR: AYIN	2017/03/29 2017/05/15	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 3.0 °		DRWN BY: GLLI DATE: 2014/07/14	DATE: 2015/04/08			
	4 PLACES ± 3 PLACES ± 0.1 2 PLACES ± 0.2 1 PLACE ± 0.3 0 PLACES ±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR BY: AYIN DATE: 2015/04/08	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: 1 OF 4				

PART NUMBER	DIM 'A'	DIM 'B'	CKT SIZE	PLATING
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	

COLOR: BLACK



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

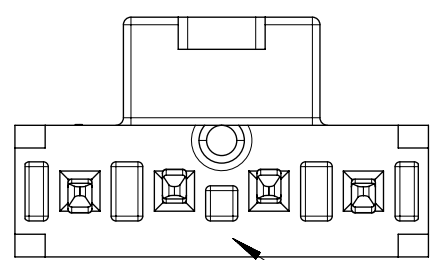
PART NUMBER	DIM 'A'	DIM 'B'	CKT SIZE	PLATING
105309-2102	5.94	2.50	2	TIN C
105309-2103	8.44	5.00	3	
105309-2104	10.94	7.50	4	
105309-2105	13.44	10.00	5	
105309-2106	15.94	12.50	6	
105309-2107	18.44	15.00	7	
105309-2108	20.94	17.50	8	
105309-2202	5.94	2.50	2	
105309-2203	8.44	5.00	3	
105309-2204	10.94	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	

COLOR: NATURAL

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.

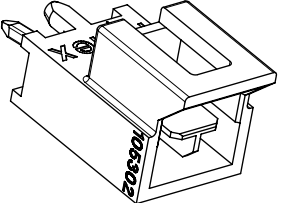
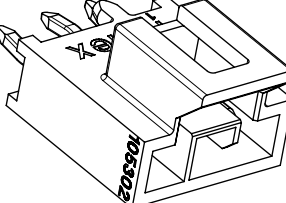
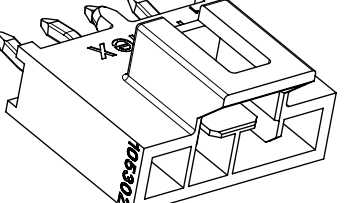
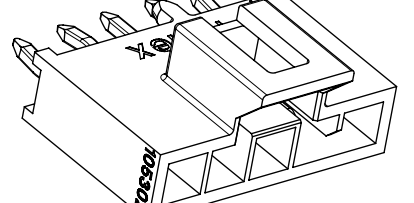
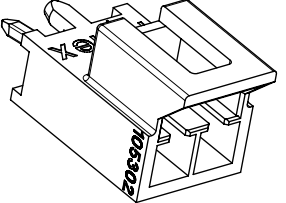
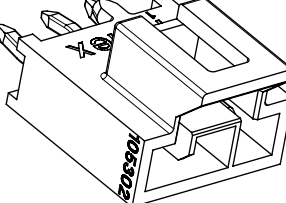
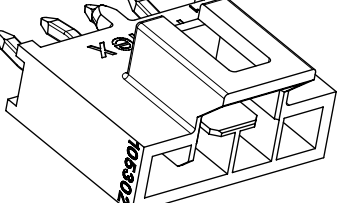
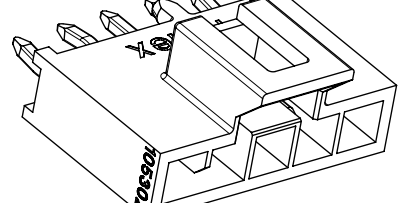
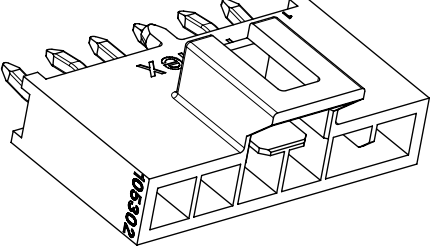
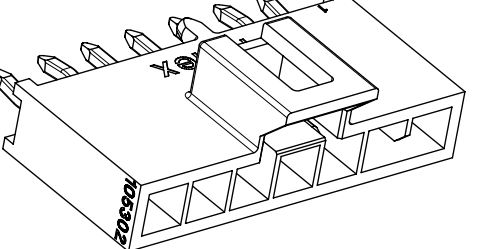
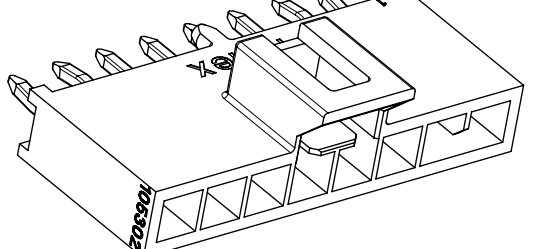
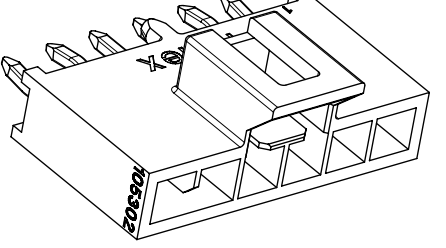
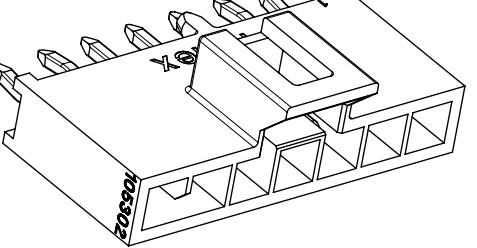
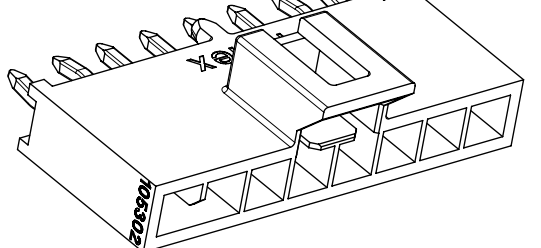



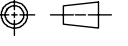
IF ANY NUMBER MARK APPEARS ON THIS SURFACE, PLEASE DISREGARD IT, IT IS NO ANY FUCTION AND NO ANY RELATION TO PIN NUMBER, IT IS JUST FOR MOLDING IDENDIFICATION.

QUALITY SYMBOLS	VALUE
FA	= 0
FE	= 0
FB	= 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

2017/03/29	2017/05/15	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS	SCALE	
2017/03/29	2017/05/15		MM	3:1	
		DRWN BY	DATE	HEADER OF NANO-FIT, S/R, VERTICAL, KINK POWER CONNECTOR	
GLLI	2014/07/14				
2017/03/29	2017/05/15	ANGULAR TOL ± 3.0 °	CHK'D BY	DATE	PRODUCT CUSTOMER DRAWING
		4 PLACES ±	AYIN	2015/04/08	
2017/03/29	2017/05/15	3 PLACES ± 0.1	APPR BY	DATE	SERIES: 105309 MATERIAL NUMBER: SEE CHART CUSTOMER: GENERAL MARKET
		2 PLACES ± 0.2	AYIN	2015/04/08	
2017/03/29	2017/05/15	1 PLACE ± 0.3	DRAWING SIZE	THIRD ANGLE PROJECTION	DOCUMENT NUMBER: SD-105309-100 DOC TYPE: PSD DOC PART: 000 SHEET NUMBER: 2 OF 4
		0 PLACES ±	A3		
EC NO: 115635	DRWN: GLLI	CHK'D: AYIN	APPR: AYIN	DATE: 2015/04/08	
2017/03/29	2017/05/15	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			

		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											
<b>QUALITY SYMBOLS</b> = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0		DRWN BY: GLLI DATE: 2017/03/29 CHK'D BY: AYIN DATE: 2017/05/15		<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b> 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: 115635 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 DATE: 2015/04/08		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							