

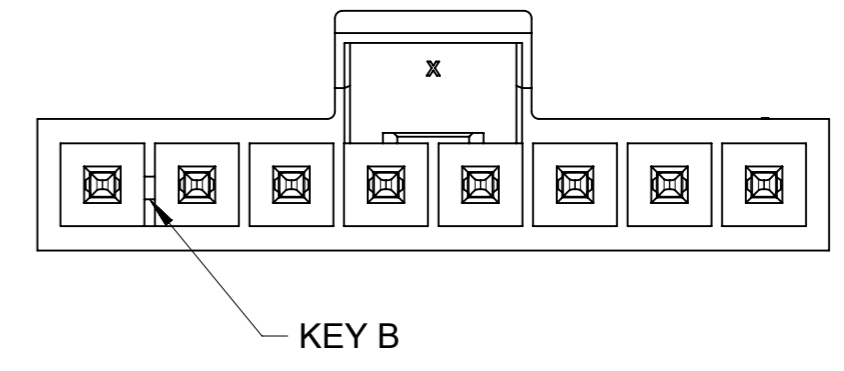
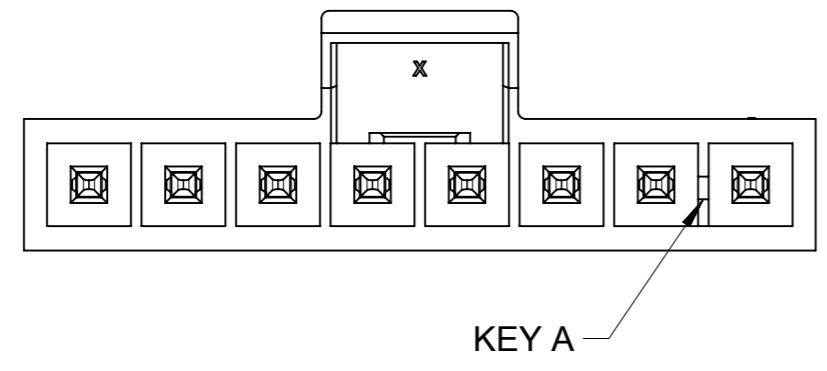
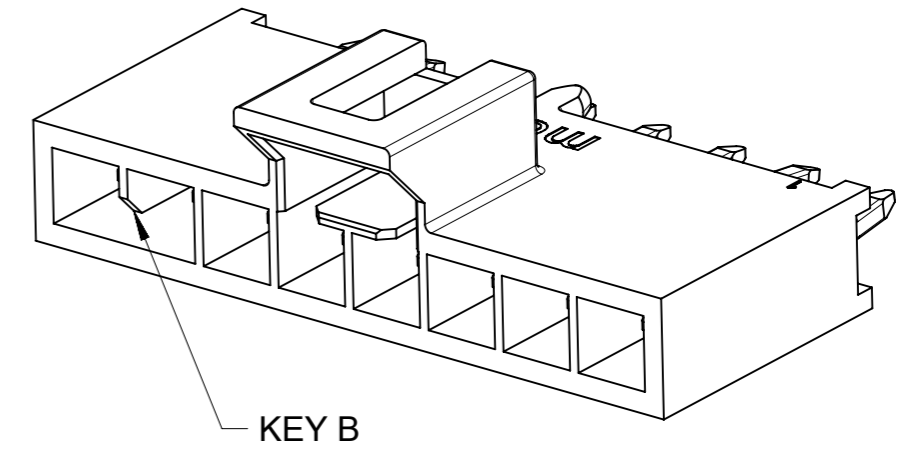
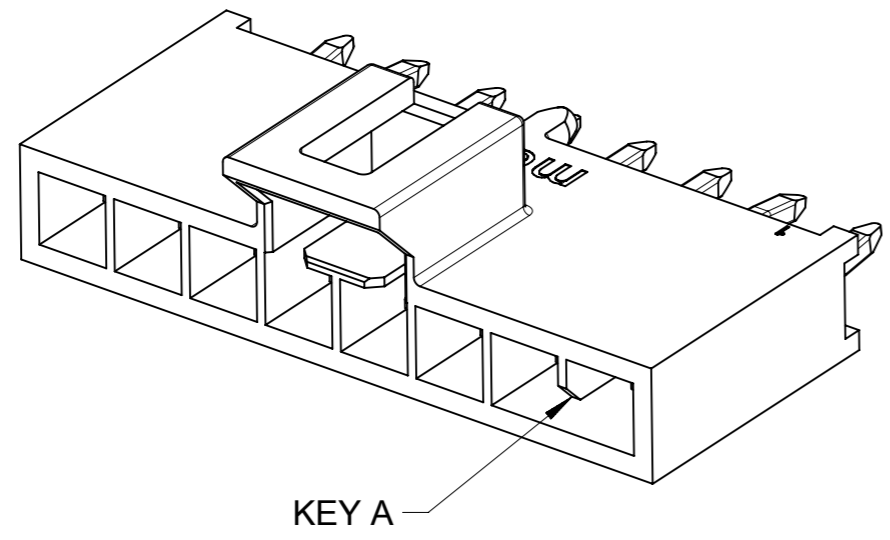
ONLY FOR CKT 3, 5, 7
OTHER DIMENSIONS REFER TO LEFT VIEWS.

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

QUALITY SYMBOLS FA = 0 FE = 0 FB = 0 ▼ = 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									
	2019/07/24	2019/07/31	2019/07/31	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE			
	DRWN: GLLI	CHK'D: YXZHENG	APPR: YXZHENG	ANGULAR TOL ± 3.0 °		mm	5:1			
	EC NO: 621186 DRWN: GLLI CHK'D: YXZHENG APPR: YXZHENG	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 SHEET 2	GENERAL MARKET	
			A3				DOCUMENT NUMBER		DOC TYPE	DOC PART
						SD-105309-100		PSD	000	1 OF 5

9 8 7 6 5 4 3 2 1

E
D
C
B
A



BLACK

NATURAL

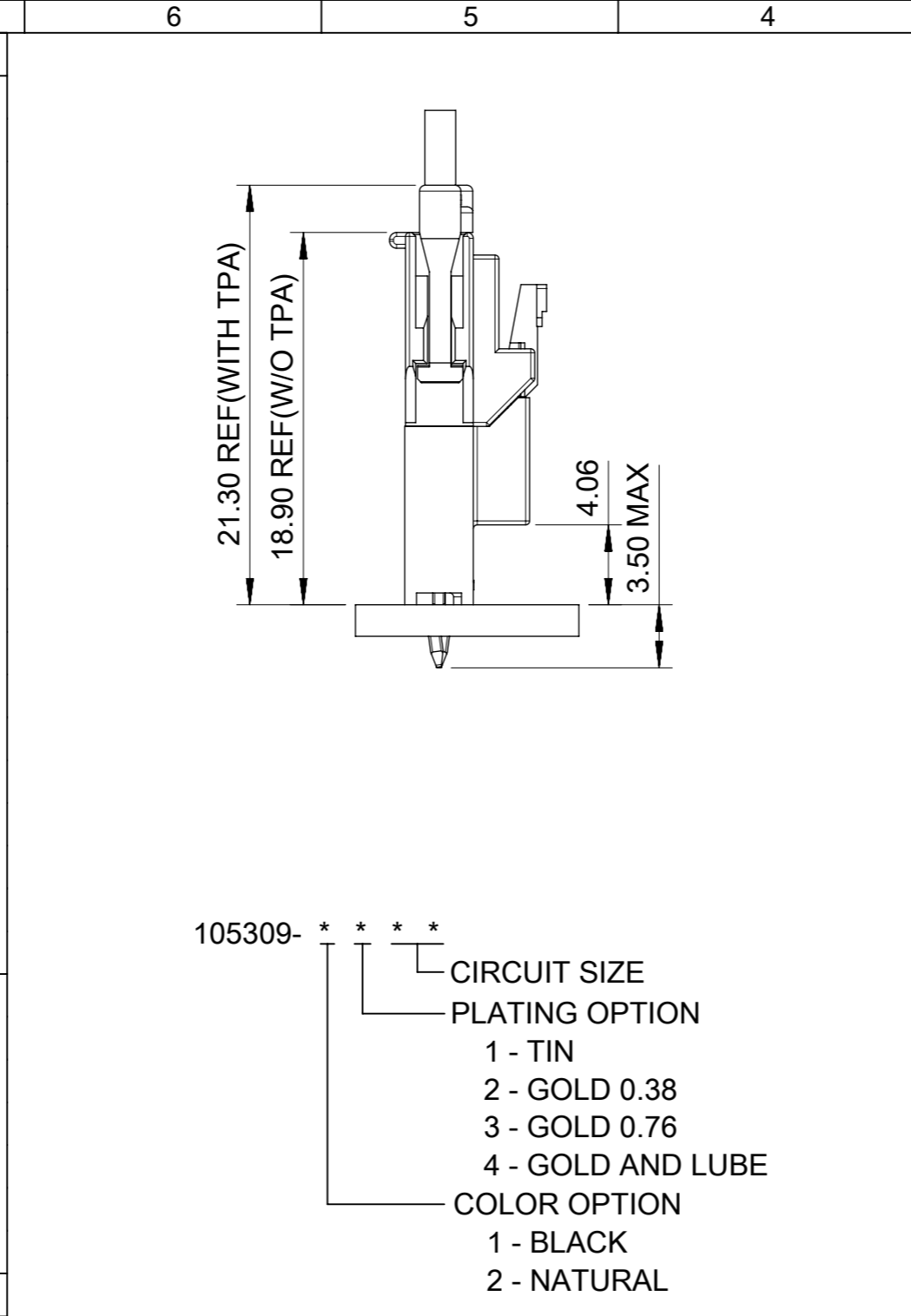
COLOR OPTION

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:					
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▽ = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)				DRWN: GLLI 2019/07/24				HEADER OF NANO-FIT, S/R, VERTICAL, KINK POWER CONNECTOR	
▽ = 0		ANGULAR TOL ± 3.0°				CHK'D: YXZHENG 2019/07/31					
▽ = 0		4 PLACES ±				APPR: YXZHENG 2019/07/31				PRODUCT CUSTOMER DRAWING	
▽ = 0		3 PLACES ± 0.1				INITIAL REVISION:					
▽ = 0		2 PLACES ± 0.2				DRWN: GLLI 2015/05/28				DOCUMENT NUMBER SD-105309-100	
▽ = 0		1 PLACE ± 0.3				APPR: AYIN 2016/04/27					
▽ = 0		0 PLACES ±				THIRD ANGLE PROJECTION		DRAWING		SERIES	
□ = 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						A3-SIZE		105309	
■ = 0						MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
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DOCUMENT STATUS	P1	RELEASE DATE	2019/07/31	03:05:31
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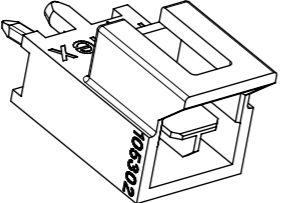
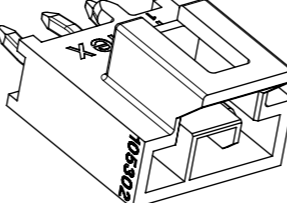
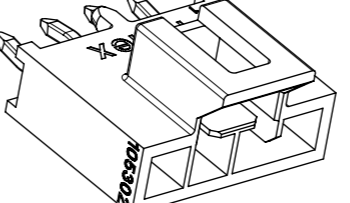
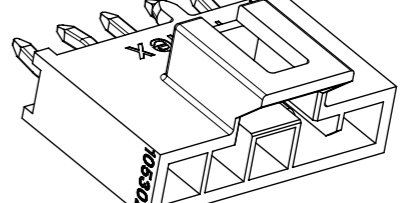
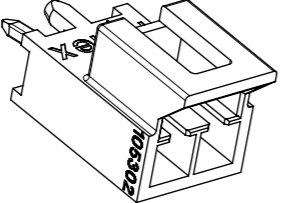
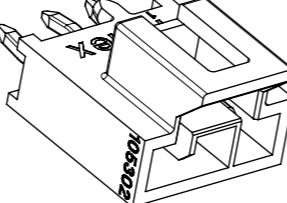
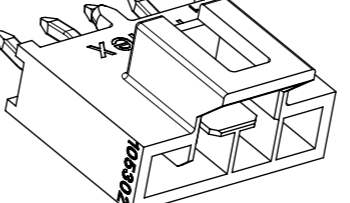
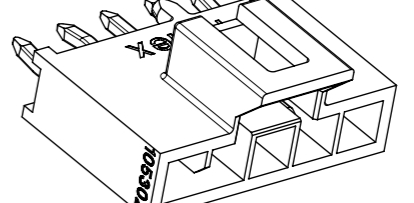
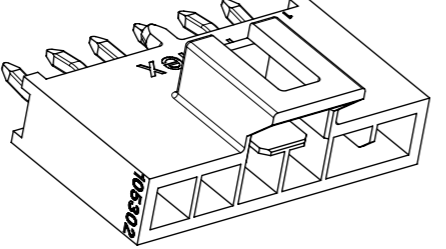
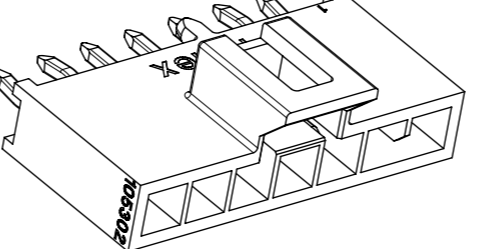
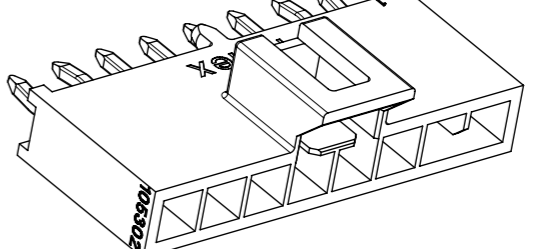
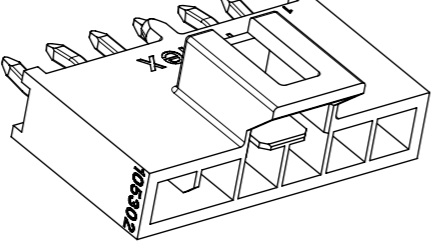
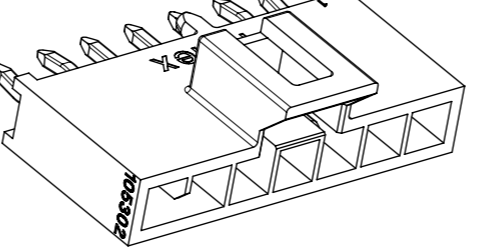
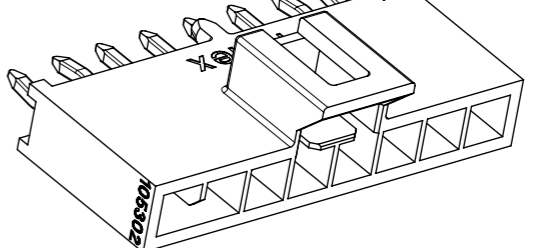
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


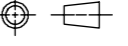

PART NUMBER	DIM 'A'	DIM 'B'	CKT SIZE	PLATING	LUBE
105309-1102	5.94	2.50	2	TIN	
105309-1103	8.44	5.00	3		
105309-1104	10.94	7.50	4		
105309-1105	13.44	10.00	5		
105309-1106	15.94	12.50	6		
105309-1107	18.44	15.00	7		
105309-1108	20.94	17.50	8		
105309-1202	5.94	2.50	2		
105309-1203	8.44	5.00	3		
105309-1204	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					



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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QUALITY SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																															
▽A = 0	EC NO: 621186 DRWN: GLLI CHK'D: YXZHENG APPR: YXZHENG DATE: 2019/07/31 REV: F																															
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS A3		THIRD ANGLE PROJECTION		molex®		HEADLINE		SHEET INFO																								

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

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QUALITY SYMBOLS  = 0  = 0  = 0  = 0  = 0  = 0  = 0		EC NO: 621186 DRWN: GLLI CHK'D: YXZHENG APPR: YXZHENG		2019/07/24 2019/07/31 2019/07/31		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 CHK'D BY: DATE: APPR BY: AYIN DATE: 2015/04/08		 HEADER OF NANO-FIT, S/R, VERTICAL, KINK POWER CONNECTOR PRODUCT CUSTOMER DRAWING	
RELEASE STATUS: P1 RELEASE DATE: 2019/07/31 03:05:31		EC NO: 621186 DRWN: GLLI CHK'D: YXZHENG APPR: YXZHENG		2019/07/24 2019/07/31 2019/07/31		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DIMENSION UNITS: mm SCALE: 3:1 DRWN BY: GLLI DATE: 2014/07/14 CHK'D BY: DATE: APPR BY: AYIN DATE: 2015/04/08		 HEADER OF NANO-FIT, S/R, VERTICAL, KINK POWER CONNECTOR PRODUCT CUSTOMER DRAWING			
DOCUMENT NUMBER: SD-105309-100 DOC TYPE: PSD DOC PART: 000 SHEET NUMBER: 4 OF 5		SERIES: 105309 MATERIAL NUMBER: SEE SHEET 2 CUSTOMER: GENERAL MARKET		DRAWING SIZE: A3 THIRD ANGLE PROJECTION: 		EC NO: 621186 DRWN: GLLI CHK'D: YXZHENG APPR: YXZHENG		DIMENSION UNITS: mm SCALE: 3:1 DRWN BY: GLLI DATE: 2014/07/14 CHK'D BY: DATE: APPR BY: AYIN DATE: 2015/04/08		 HEADER OF NANO-FIT, S/R, VERTICAL, KINK POWER CONNECTOR PRODUCT CUSTOMER DRAWING			

NOTES FOR ALL PARTS

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

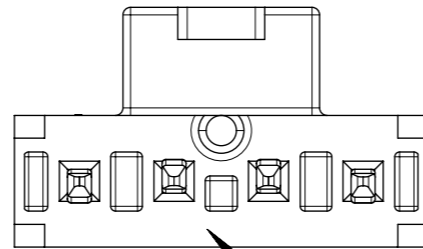
4> PACKAGE: TRAY, PK-105309-300.

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 ▽ = 0 ▽ = 0 ▽ = 0 ▼ = 0 ▽ = 0 ⊗ = 0 ■ = 0 ▽ = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
	2019/07/24 DRWN: GLLI 2019/07/31 CHK'D: YXZHENG 2019/07/31 APPR: YXZHENG	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE						
		ANGULAR TOL ± 3.0 °		mm							
		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	AYIN		2016/04/27							
	0 PLACES ±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE	THIRD ANGLE PROJECTION	SERIES	MATERIAL NUMBER	CUSTOMER			
	F			A3		105309	SEE SHEET 2	GENERAL MARKET			
						DOCUMENT NUMBER		DOC TYPE	DOC PART	SHEET NUMBER	
					SD-105309-100		PSD	000	5 OF 5		