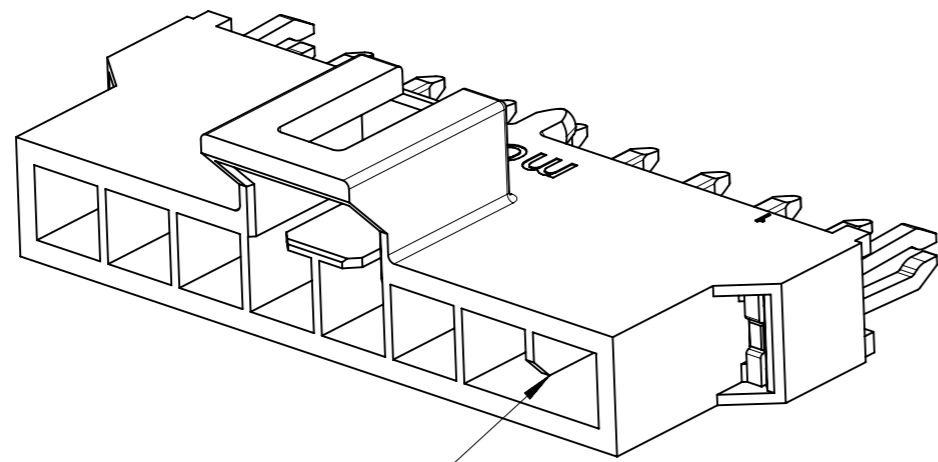


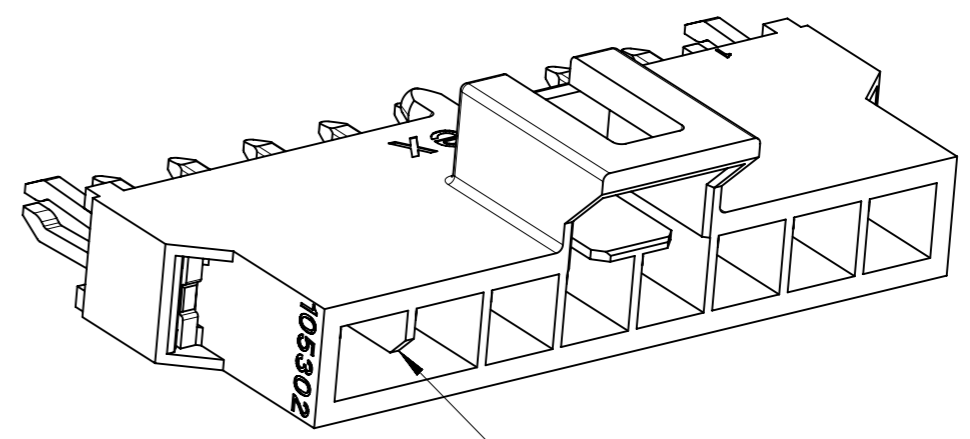
ONLY FOR CKT 3, 5, 7
OTHER DIMENSIONS REFER TO LEFT VIEWS.

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

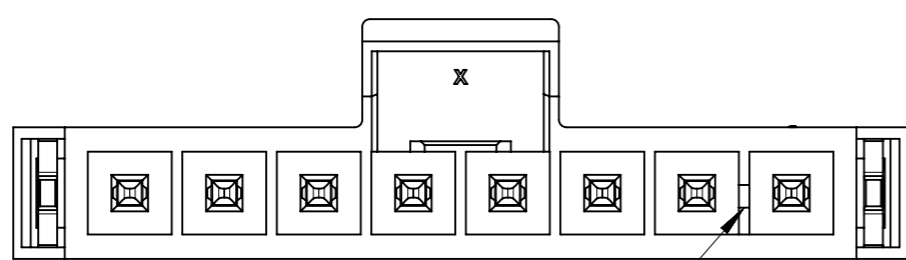
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
QUALITY SYMBOLS		2019/10/10		2019/10/10		2019/10/10		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE	
▽A	= 0	2019/10/10		2019/10/10		2019/10/10		ANGULAR TOL ± 3.0 °		mm		5:1	
▽E	= 0	2019/10/10		2019/10/10		2019/10/10		4 PLACES ±		DRWN BY		DATE	
▽F	= 0	2019/10/10		2019/10/10		2019/10/10		3 PLACES ± 0.1		GLLI		2014/07/16	
▽	= 0	2019/10/10		2019/10/10		2019/10/10		2 PLACES ± 0.2		CHK'D BY		DATE	
▽C	= 0	2019/10/10		2019/10/10		2019/10/10		1 PLACE ± 0.3		APPR BY		DATE	
⊗	= 0	2019/10/10		2019/10/10		2019/10/10		0 PLACES ±		AYIN		2015/04/08	
■	= 0	2019/10/10		2019/10/10		2019/10/10		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE		THIRD ANGLE PROJECTION	
▽	= 0	2019/10/10		2019/10/10		2019/10/10				A3			
G		REV		YXZHENG		YXZHENG				PRODUCT CUSTOMER DRAWING			
G		REV		YXZHENG		YXZHENG				SERIES		MATERIAL NUMBER	
G		REV		YXZHENG		YXZHENG				105311		SEE SHEET 2	
G		REV		YXZHENG		YXZHENG				CUSTOMER		GENERAL MARKET	
G		REV		YXZHENG		YXZHENG				DOCUMENT NUMBER		DOC TYPE	
G		REV		YXZHENG		YXZHENG				SD-105311-100		PSD	
G		REV		YXZHENG		YXZHENG				DOC PART		SHEET NUMBER	
G		REV		YXZHENG		YXZHENG				000		1 OF 5	



KEY A

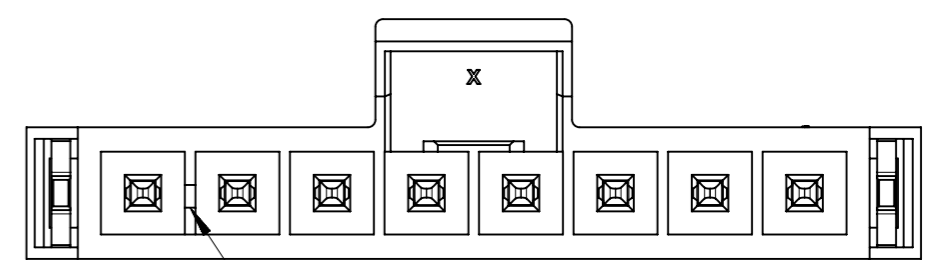


KEY B



KEY A

BLACK



KEY B

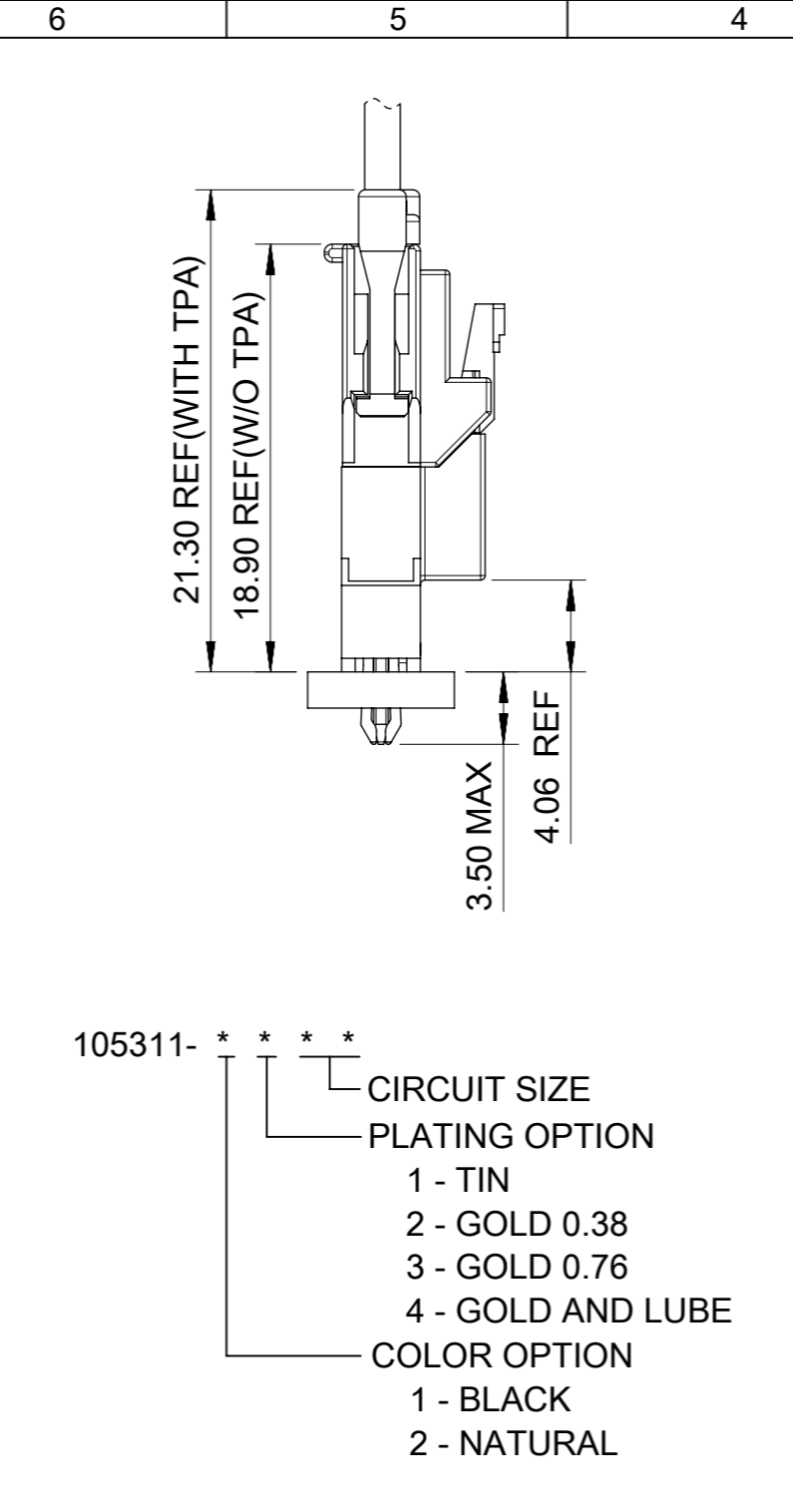
NATURAL

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	EC NO: 625433								
	GENERAL TOLERANCES (UNLESS SPECIFIED)		DRWN: GLLI 2019/10/10						PRODUCT CUSTOMER DRAWING		
	ANGULAR TOL $\pm 3.0^\circ$		CHK'D: YXZHENG 2019/10/10						DOCUMENT NUMBER		
	4 PLACES \pm		APPR: YXZHENG 2019/10/10						SD-105311-100		
	3 PLACES ± 0.1		INITIAL REVISION:						DOC TYPE DOC PART REVISION		
	2 PLACES ± 0.2		DRWN: GLLI 2015/05/29						PSD 000 G		
	1 PLACE ± 0.3		APPR: AYIN 2016/04/27						MATERIAL NUMBER		
	0 PLACES \pm		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING		SERIES	
			A3-SIZE			105311		CUSTOMER		SHEET NUMBER	
			GENERAL MARKET			2 OF 5					

PART NUMBER	DIM 'A'	DIM 'B'	DIM 'C'	CKT SIZE	PLATING	LUBE
105311-1102	8.66	5.94	6.84	2	TIN	
105311-1103	11.16	8.44	9.34	3		
105311-1104	13.66	10.94	11.84	4		
105311-1105	16.16	13.44	14.34	5		
105311-1106	18.66	15.94	16.84	6		
105311-1107	21.16	18.44	19.34	7		
105311-1108	23.66	20.94	21.84	8		
105311-1202	8.66	5.94	6.84	2		
105311-1203	11.16	8.44	9.34	3		
105311-1204	13.66	10.94	11.84	4		
105311-1205	16.16	13.44	14.34	5		
105311-1206	18.66	15.94	16.84	6		
105311-1207	21.16	18.44	19.34	7		
105311-1208	23.66	20.94	21.84	8		
105311-1302	8.66	5.94	6.84	2	GOLD 0.76	
105311-1303	11.16	8.44	9.34	3		
105311-1304	13.66	10.94	11.84	4		
105311-1305	16.16	13.44	14.34	5		
105311-1306	18.66	15.94	16.84	6		
105311-1307	21.16	18.44	19.34	7		
105311-1308	23.66	20.94	21.84	8		
105311-1402	8.66	5.94	6.84	2		
105311-1403	11.16	8.44	9.34	3		
105311-1404	13.66	10.94	11.84	4		
105311-1405	16.16	13.44	14.34	5		
105311-1406	18.66	15.94	16.84	6		
105311-1407	21.16	18.44	19.34	7		
105311-1408	23.66	20.94	21.84	8		

COLOR: BLACK



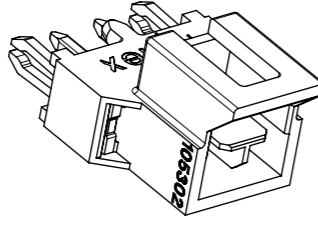
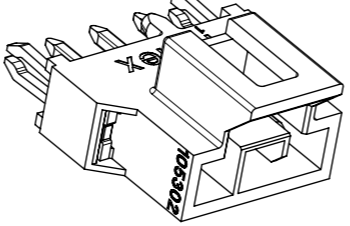
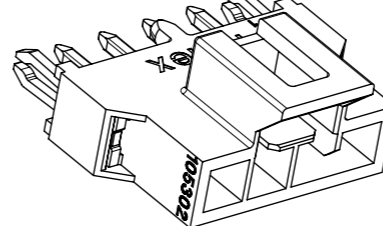
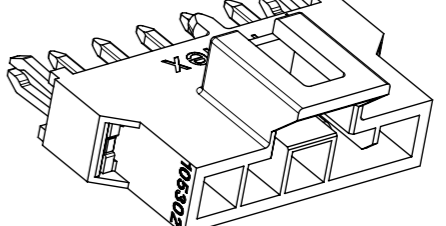
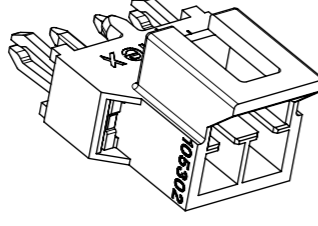
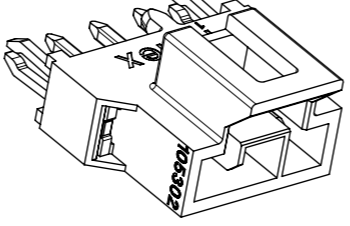
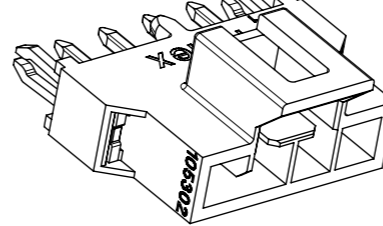
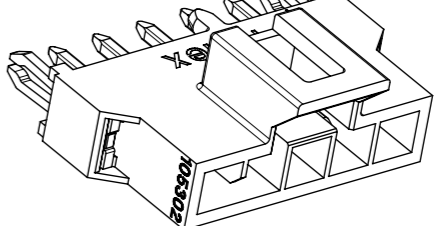
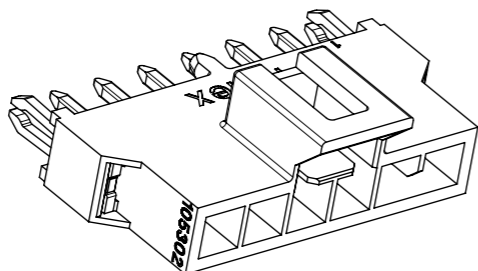
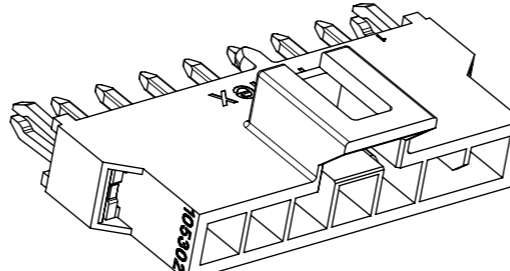
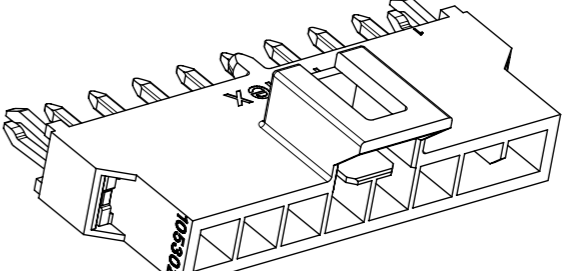
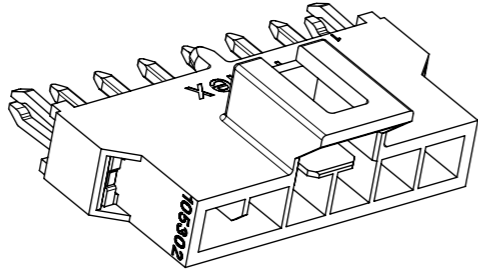
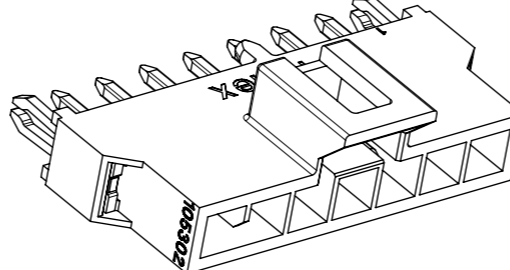
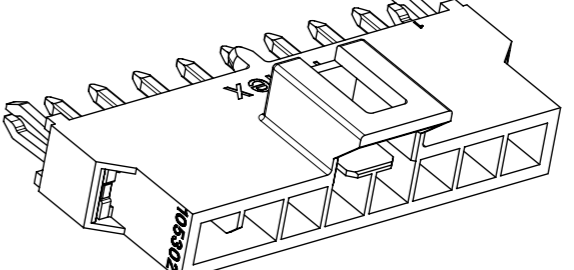
PART NUMBER	DIM 'A'	DIM 'B'	DIM 'C'	CKT SIZE	PLATING	LUBE
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105311-2103	11.16	8.44	9.34	3		
105311-2104	13.66	10.94	11.84	4		
105311-2105	16.16	13.44	14.34	5		
105311-2106	18.66	15.94	16.84	6		
105311-2107	21.16	18.44	19.34	7		
105311-2108	23.66	20.94	21.84	8		
105311-2202	8.66	5.94	6.84	2		
105311-2203	11.16	8.44	9.34	3		
105311-2204	13.66	10.94	11.84	4		
105311-2205	16.16	13.44	14.34	5		
105311-2206	18.66	15.94	16.84	6		
105311-2207	21.16	18.44	19.34	7		
105311-2208	23.66	20.94	21.84	8		
105311-2302	8.66	5.94	6.84	2	GOLD 0.76	
105311-2303	11.16	8.44	9.34	3		
105311-2304	13.66	10.94	11.84	4		
105311-2305	16.16	13.44	14.34	5		
105311-2306	18.66	15.94	16.84	6		
105311-2307	21.16	18.44	19.34	7		
105311-2308	23.66	20.94	21.84	8		
105311-2402	8.66	5.94	6.84	2		
105311-2403	11.16	8.44	9.34	3		
105311-2404	13.66	10.94	11.84	4		
105311-2405	16.16	13.44	14.34	5		
105311-2406	18.66	15.94	16.84	6		
105311-2407	21.16	18.44	19.34	7		
105311-2408	23.66	20.94	21.84	8		










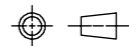
COLOR: NATURAL

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
QUALITY SYMBOLS 	EC NO: 625433 DRWN: GLLI CHK'D: YXZHENG APPR: YXZHENG	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 3.0 °		DIMENSION UNITS mm	SCALE 3:1						
		4 PLACES ±	DRWN BY GLLI	DATE 2014/07/16	HEADER OF NANO-FIT, S/R, VERTICAL, CLIP POWER CONNECTOR						
		3 PLACES ± 0.1	CHK'D BY AYIN	DATE 2015/04/08							PRODUCT CUSTOMER DRAWING
		2 PLACES ± 0.2	APPR BY AYIN	DATE 2015/04/08	SERIES 105311	MATERIAL NUMBER SEE CHART	CUSTOMER GENERAL MARKET				
1 PLACE ± 0.3	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWING SIZE A3	THIRD ANGLE PROJECTION 	DOCUMENT NUMBER SD-105311-100	DOC TYPE PSD	DOC PART 000	SHEET NUMBER 3 OF 5				
0 PLACES ±	G	A3		RELEASE STATUS P1	RELEASE DATE 2019/10/10	06:03:11					

9 8 7 6 5 4 3 2 1

E
D
C
B
A

	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  = 0	2019/10/10	2019/10/10	2019/10/10	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE	 HEADER OF NANO-FIT, S/R, VERTICAL, CLIP POWER CONNECTOR		
	DRWN: GLLI	CHK'D: YXZHENG	APPR: YXZHENG	4 PLACES ±	ANGULAR TOL ± 3.0 °	mm	3:1			
	EC NO: 625433			3 PLACES ± 0.1		DRWN BY	DATE	PRODUCT CUSTOMER DRAWING		
				2 PLACES ± 0.2		GLLI	2014/07/16			
				1 PLACE ± 0.3		CHK'D BY	DATE	SERIES MATERIAL NUMBER CUSTOMER 105311 SEE SHEET 2 GENERAL MARKET		
				0 PLACES ±		AYIN	2015/04/08			
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE	THIRD ANGLE PROJECTION	DOCUMENT NUMBER DOC TYPE DOC PART SHEET NUMBER SD-105311-100 PSD 000 4 OF 5		
						A3				

9 8 7 6 5 4 3 2 1

FORMAT: master-ib-prod-A3
REVISION: 0
DATE: 2015/12/14

NOTES FOR ALL PARTS

1> MATERIAL:
HOUSING: LCP, UL 94V-0; TERMINAL: BRASS; SOLDER CLIP: 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.

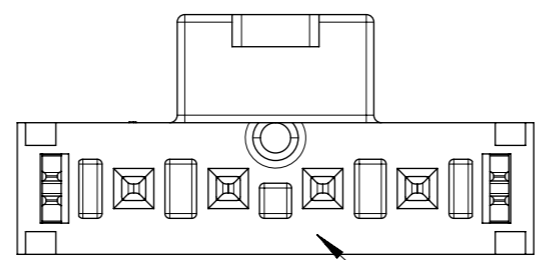
4> PACKAGE: TRAY, PK-105309-300.

5> 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 ▽F = 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												
	EC NO: 625433 DRWN: GLLI CHK'D: YXZHENG APPR: YXZHENG	2019/10/10		2019/10/10		2019/10/10		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE	
		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		mm		mm		mm		mm		mm	
		DRWN BY		DATE		DRWN BY		DATE		DRWN BY		DATE	
		GLLI		2015/05/29		GLLI		2015/05/29		GLLI		2015/05/29	
	APPBY		DATE		APPBY		DATE		APPBY		DATE		
	AYIN		2016/04/27		AYIN		2016/04/27		AYIN		2016/04/27		
	DRAWING SIZE		THIRD ANGLE PROJECTION		DRAWING SIZE		THIRD ANGLE PROJECTION		DRAWING SIZE		THIRD ANGLE PROJECTION		
	A3		THIRD ANGLE PROJECTION		A3		THIRD ANGLE PROJECTION		A3		THIRD ANGLE PROJECTION		
G		REV		G		REV		G		REV			



HEADER OF NANO-FIT, S/R, VERTICAL, CLIP POWER CONNECTOR

PRODUCT CUSTOMER DRAWING

SERIES	MATERIAL NUMBER	CUSTOMER	
105311	SEE SHEET 2	GENERAL MARKET	
DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
SD-105311-100	PSD	000	5 OF 5