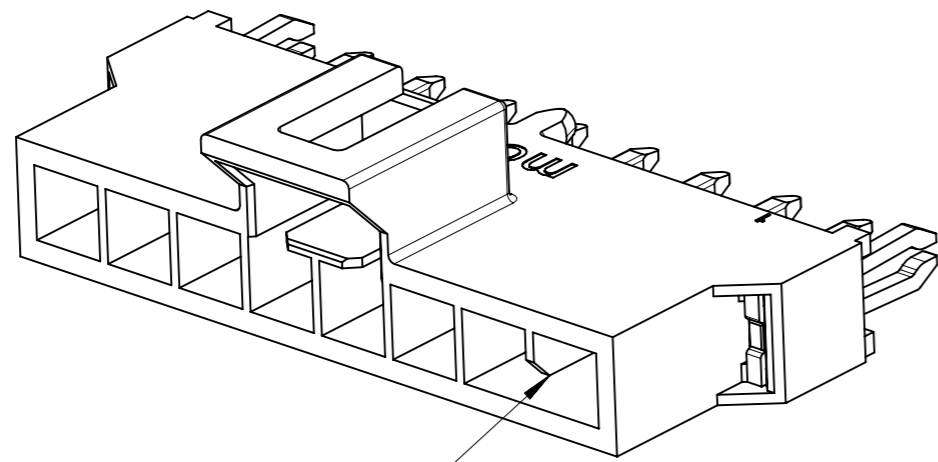


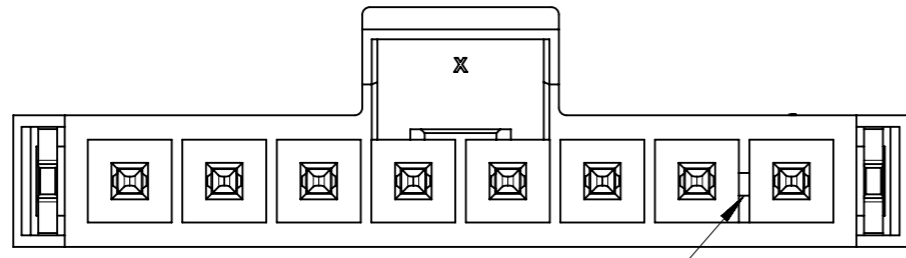
ONLY FOR CKT 3, 5, 7
OTHER DIMENSIONS REFER TO LEFT VIEWS.

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		EC NO: 648137		DRWN: GLLI		CHK'D: YXZHENG		APPR: YXZHENG		DATE: 2015/12/14	
▽A	= 0	2020/11/02		2020/11/09		2020/11/09		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	
▽E	= 0							4 PLACES ±		mm	
▽F	= 0							3 PLACES ± 0.1		SCALE	
▽	= 0							2 PLACES ± 0.2		5:1	
▽C	= 0							1 PLACE ± 0.3		DRWN BY	
⊗	= 0							0 PLACES ±		DATE	
■	= 0							DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		GLLI 2014/07/16	
▽	= 0							H		CHK'D BY	
								REV		DATE	
								A3		AYIN 2015/04/08	
								DRAWING SIZE		THIRD ANGLE PROJECTION	
								A3		PRODUCT CUSTOMER DRAWING	
								SERIES		MATERIAL NUMBER	
								105311		SEE SHEET 2	
								CUSTOMER		GENERAL MARKET	
								DOCUMENT NUMBER		DOC TYPE	
								SD-105311-100		PSD	
								DOC PART		SHEET NUMBER	
								000		1 OF 5	

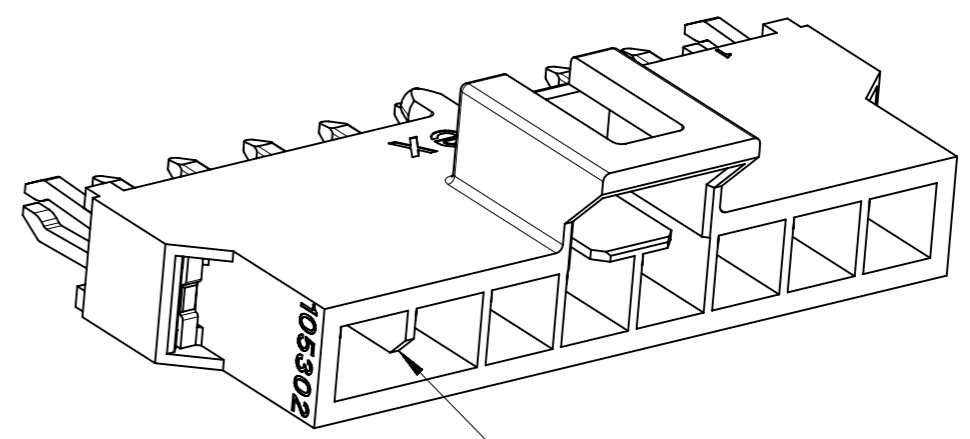


KEY A

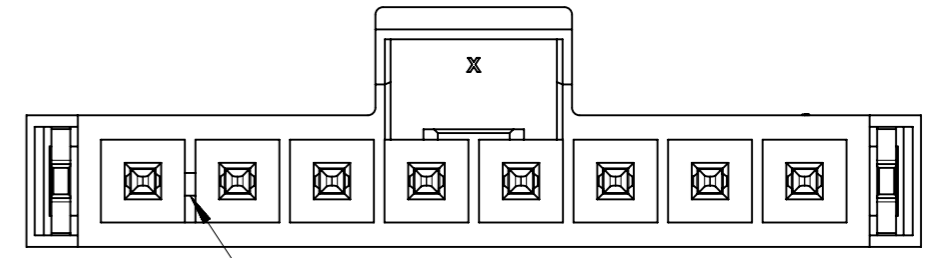


KEY A

BLACK



KEY B



KEY B

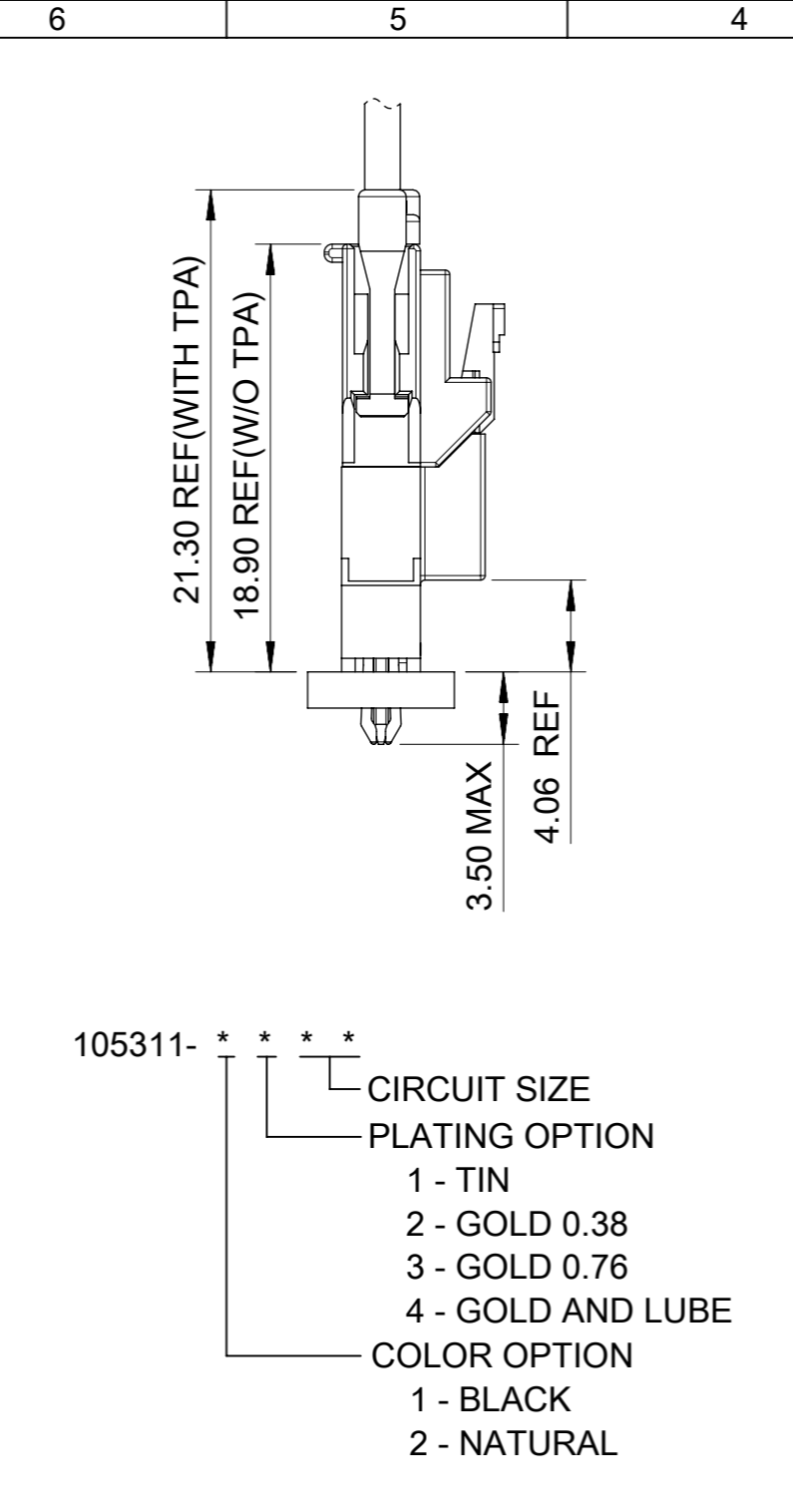
NATURAL

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	
▽ = 0		mm				EC NO: 648137					
▽ = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)				DRWN: GLLI 2020/11/02				HEADER OF NANO-FIT, S/R, VERTICAL, CLIP POWER CONNECTOR	
▽ = 0		ANGULAR TOL ± 3.0°				CHK'D: YXZHENG 2020/11/09				PRODUCT CUSTOMER DRAWING	
▽ = 0		4 PLACES ±				APPR: YXZHENG 2020/11/09				DOCUMENT NUMBER	
▽ = 0		3 PLACES ± 0.1				INITIAL REVISION:				DOC TYPE	
▽ = 0		2 PLACES ± 0.2				DRWN: GLLI 2015/05/29				DOC PART	
▽ = 0		1 PLACE ± 0.3				APPR: AYIN 2016/04/27				REVISION	
▽ = 0		0 PLACES ±				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SD-105311-100	
▽ = 0		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	
▽ = 0		A3-SIZE		105311		GENERAL MARKET		SHEET NUMBER		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



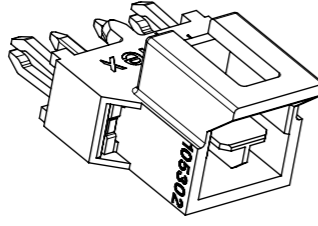
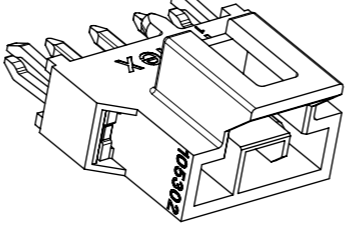
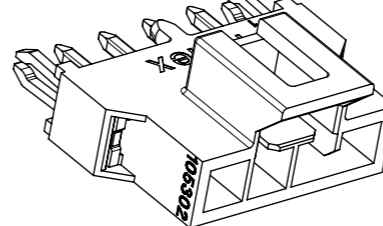
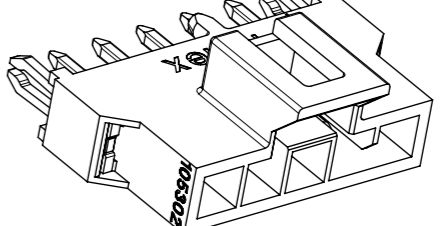
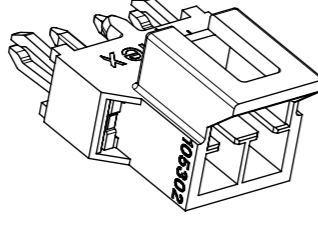
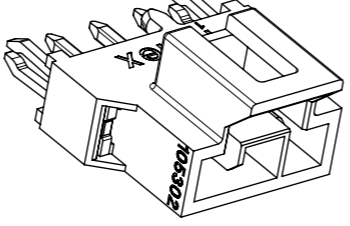
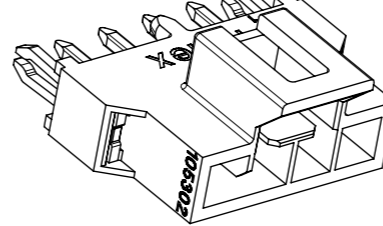
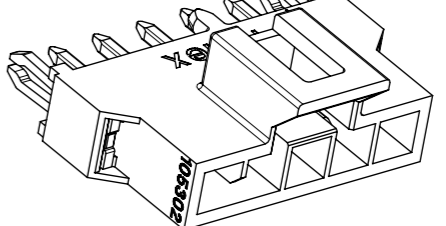
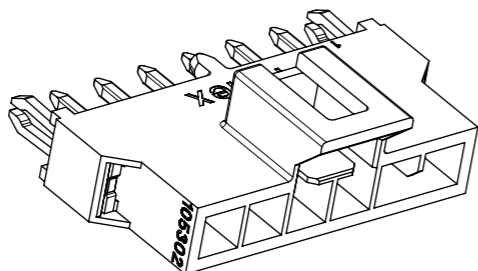
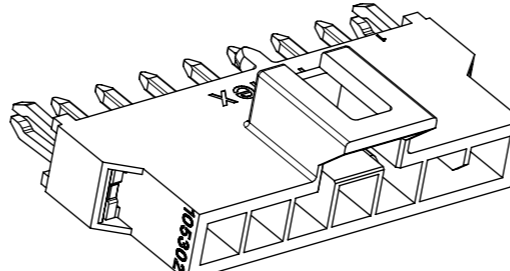
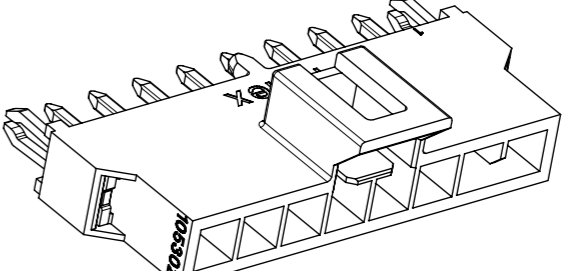
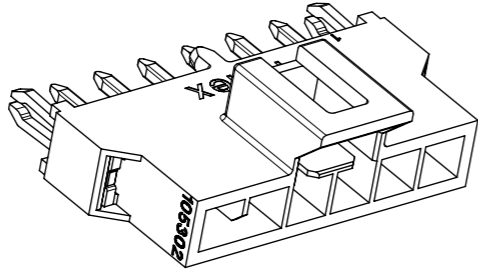
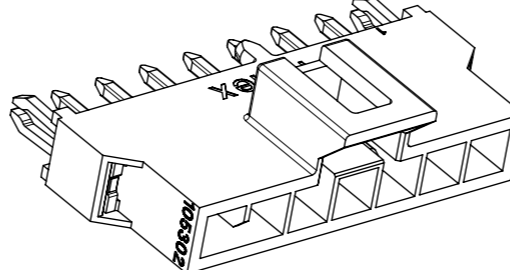
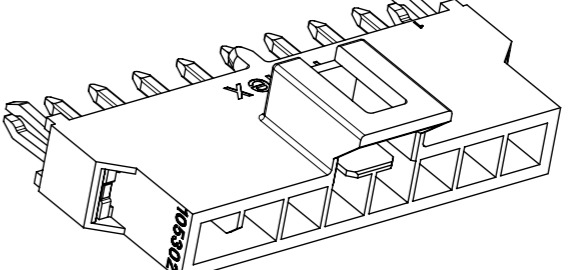
- 105311- * * * *
- CIRCUIT SIZE
 - PLATING OPTION
 - 1 - TIN
 - 2 - GOLD 0.38
 - 3 - GOLD 0.76
 - 4 - GOLD AND LUBE
 - COLOR OPTION
 - 1 - BLACK
 - 2 - NATURAL










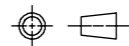
PART NUMBER	DIM 'A'	DIM 'B'	DIM 'C'	CKT SIZE	PLATING	LUBE
105311-2102	8.66	5.94	6.84	2	TIN	
105311-2103	11.16	8.44	9.34	3		
105311-2104	13.66	10.94	11.84	4		
105311-2105	16.16	13.44	14.34	5		
105311-2106	18.66	15.94	16.84	6		
105311-2107	21.16	18.44	19.34	7		
105311-2108	23.66	20.94	21.84	8		
105311-2202	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

QUALITY SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
FA = 0	EC NO: 648137 DRWN: GLLI CHK'D: YXZHENG APPR: YXZHENG 2020/11/02 2020/11/09 2020/11/09 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
FE = 0	
FB = 0	
FV = 0	
FC = 0	
FX = 0	
FS = 0	
FT = 0	
FD = 0	
FF = 0	

<table border="1"> <tr><td>DRWN BY</td><td>DATE</td></tr> <tr><td>GLLI</td><td>2014/07/16</td></tr> <tr><td>CHK'D BY</td><td>DATE</td></tr> <tr><td>AYIN</td><td>2015/04/08</td></tr> <tr><td>APPR BY</td><td>DATE</td></tr> <tr><td>AYIN</td><td>2015/04/08</td></tr> </table>	DRWN BY	DATE	GLLI	2014/07/16	CHK'D BY	DATE	AYIN	2015/04/08	APPR BY	DATE	AYIN	2015/04/08	<table border="1"> <tr><td>DIMENSION UNITS</td><td>SCALE</td></tr> <tr><td>mm</td><td>3:1</td></tr> <tr><td>DRAWING SIZE</td><td>THIRD ANGLE PROJECTION</td></tr> <tr><td>A3</td><td></td></tr> </table>	DIMENSION UNITS	SCALE	mm	3:1	DRAWING SIZE	THIRD ANGLE PROJECTION	A3		<table border="1"> <tr><td colspan="4">molex®</td></tr> <tr><td colspan="4">HEADER OF NANO-FIT, S/R, VERTICAL, CLIP POWER CONNECTOR</td></tr> <tr><td colspan="4">PRODUCT CUSTOMER DRAWING</td></tr> <tr> <td>SERIES</td> <td>MATERIAL NUMBER</td> <td colspan="2">CUSTOMER</td> </tr> <tr> <td>105311</td> <td>SEE CHART</td> <td colspan="2">GENERAL MARKET</td> </tr> <tr> <td colspan="2">DOCUMENT NUMBER</td> <td>DOC TYPE</td> <td>DOC PART</td> </tr> <tr> <td colspan="2">SD-105311-100</td> <td>PSD</td> <td>000</td> </tr> <tr> <td colspan="2">SHEET NUMBER</td> <td colspan="2">3 OF 5</td> </tr> </table>	molex®				HEADER OF NANO-FIT, S/R, VERTICAL, CLIP POWER CONNECTOR				PRODUCT CUSTOMER DRAWING				SERIES	MATERIAL NUMBER	CUSTOMER		105311	SEE CHART	GENERAL MARKET		DOCUMENT NUMBER		DOC TYPE	DOC PART	SD-105311-100		PSD	000	SHEET NUMBER		3 OF 5	
DRWN BY	DATE																																																					
GLLI	2014/07/16																																																					
CHK'D BY	DATE																																																					
AYIN	2015/04/08																																																					
APPR BY	DATE																																																					
AYIN	2015/04/08																																																					
DIMENSION UNITS	SCALE																																																					
mm	3:1																																																					
DRAWING SIZE	THIRD ANGLE PROJECTION																																																					
A3																																																						
molex®																																																						
HEADER OF NANO-FIT, S/R, VERTICAL, CLIP POWER CONNECTOR																																																						
PRODUCT CUSTOMER DRAWING																																																						
SERIES	MATERIAL NUMBER	CUSTOMER																																																				
105311	SEE CHART	GENERAL MARKET																																																				
DOCUMENT NUMBER		DOC TYPE	DOC PART																																																			
SD-105311-100		PSD	000																																																			
SHEET NUMBER		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  = 0	2020/11/02	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		 HEADER OF NANO-FIT, S/R, VERTICAL, CLIP POWER CONNECTOR		
	2020/11/09	ANGULAR TOL ± 3.0 °		mm		3:1				
	2020/11/09	4 PLACES ±		DRWN BY		DATE		PRODUCT CUSTOMER DRAWING		
		3 PLACES ± 0.1		GLLI		2014/07/16				
		2 PLACES ± 0.2		CHK'D BY		DATE		SERIES MATERIAL NUMBER CUSTOMER 105311 SEE SHEET 2 GENERAL MARKET		
		1 PLACE ± 0.3		APPR BY		DATE				
		0 PLACES ±		AYIN		2015/0408		DOCUMENT NUMBER DOC TYPE DOC PART SHEET NUMBER SD-105311-100 PSD 000 4 OF 5		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE		THIRD ANGLE PROJECTION				
		H			A3					

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.

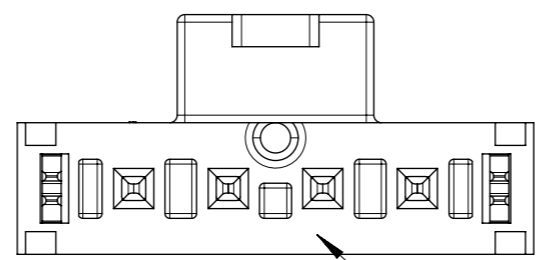
4> PACKAGE: TRAY, PK-105309-300.

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

6> PRODUCT MATE WITH SERIES OF 105307(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: 648137 DRWN: GLLI CHK'D: YXZHENG APPR: YXZHENG	2020/11/02		2020/11/09		2020/11/09		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE						
		mm						ANGULAR TOL ± 3.0 °		DRWN BY		DATE						
		4 PLACES ±		3 PLACES ± 0.1		2 PLACES ± 0.2		1 PLACE ± 0.3		GLLI		2015/05/29						
		0 PLACES ±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPBY		DATE		CHK'D BY		DATE						
		A3		THIRD ANGLE PROJECTION		AYIN		2016/04/27										
	molex®		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											