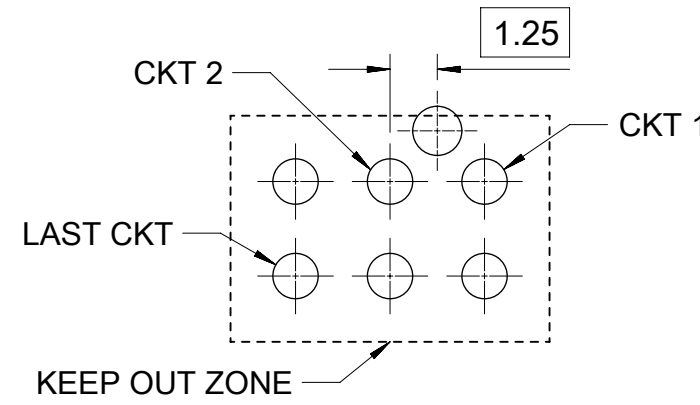
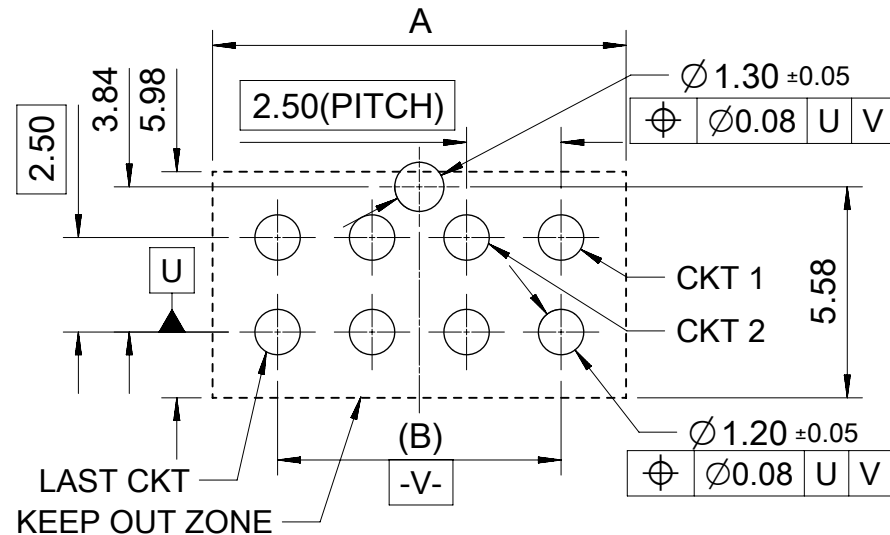
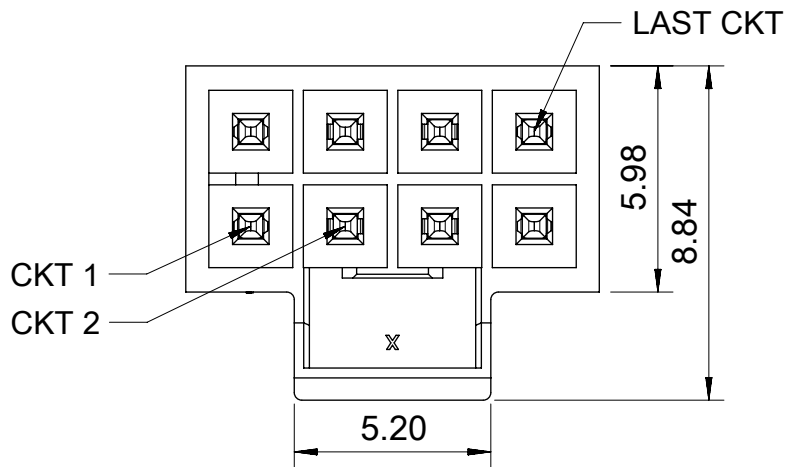
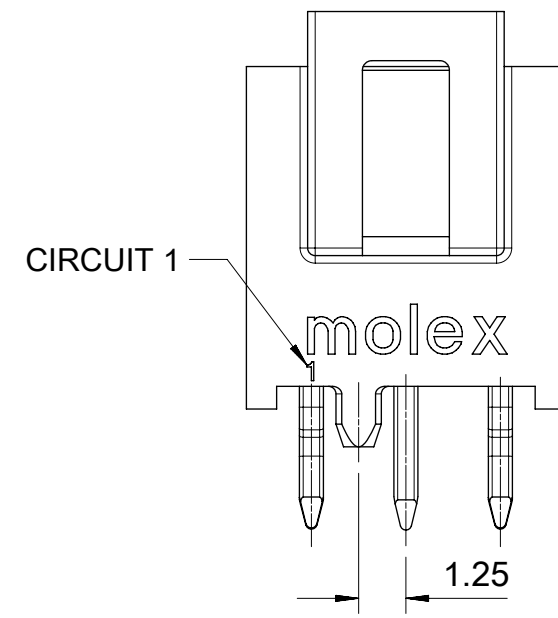
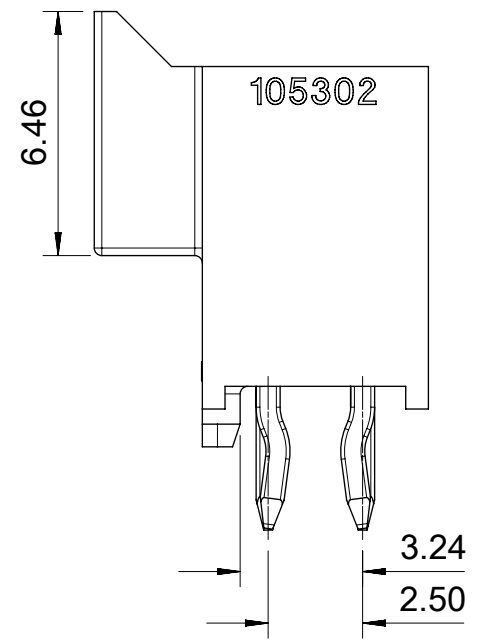
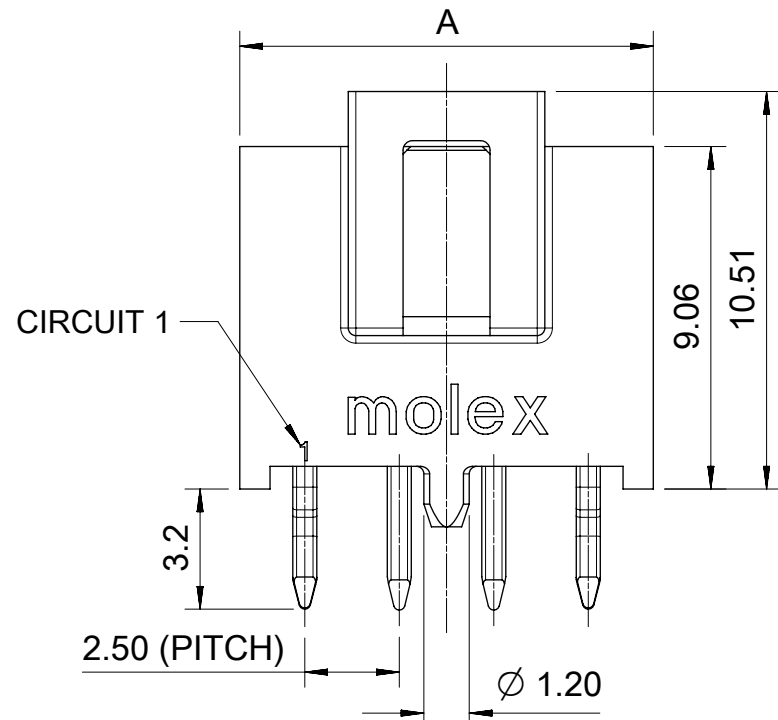
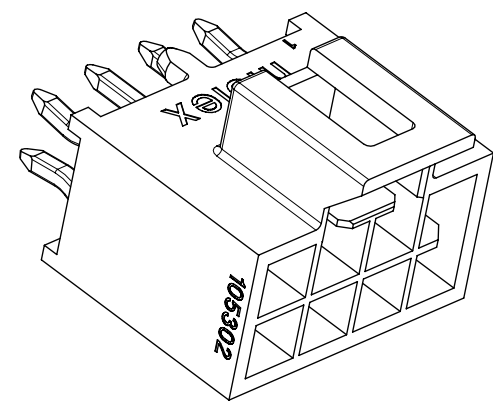


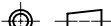


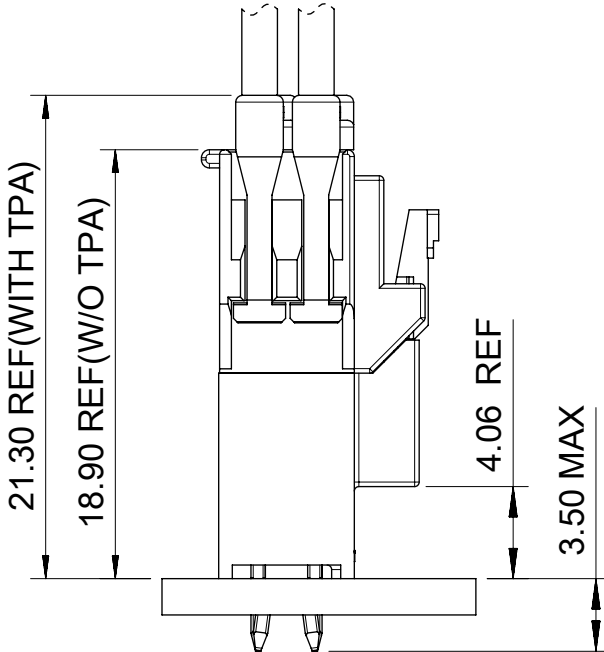
RECOMMENDED PCB(CONNECTOR SIDE VIEW)
THICKNESS=1.6 TO 2.4 MM

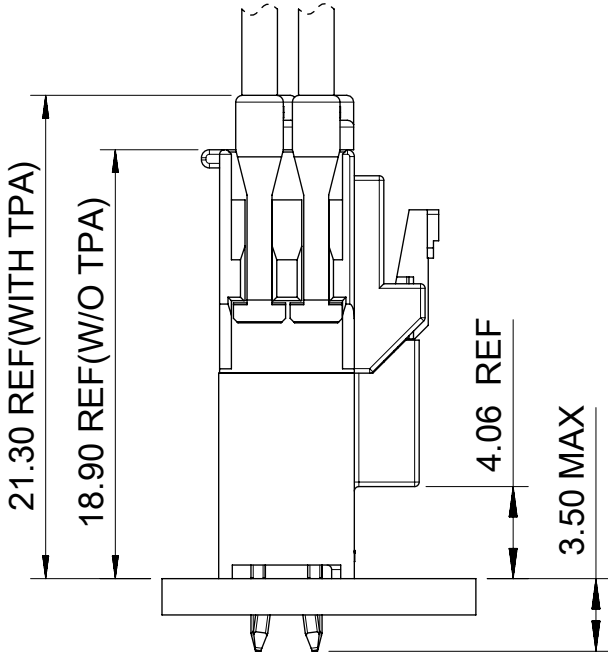


ONLY FOR CKT 6, 10, 14
OTHER DIMENSIONS REFER TO LEFT VIEWS.



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex							
mm		5:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)				HEADER OF NANO-FIT, D/R, KINK, VERTICAL POWER CONNECTOR											
ANGULAR TOL ± 3.0 °															
4 PLACES		±		EC NO: 749038		PRODUCT CUSTOMER DRAWING									
3 PLACES		± 0.1		DRWN: GLLI 2023/05/10											
2 PLACES		± 0.2		CHK'D: XQZHANG 2023/05/25											
1 PLACE		± 0.3		APPR: XQZHANG 2023/05/25		DOCUMENT NUMBER SD-105310-100									
0 PLACES		±		INITIAL REVISION:						DOC TYPE		DOC PART		REVISION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		105310				GENERAL MARKET		1 OF 5	

10		9		8		7		6		5		4		3		2		1																																		
PART NUMBER		DIM 'A'	DIM 'B'	CKT SIZE	PLATING	LUBE	 105310- * * * * CIRCUIT SIZE PLATING OPTION 1 - TIN 2 - GOLD 0.38 3 - GOLD 0.76 4 - GOLD AND LUBE 5 - GOLD 0.025 COLOR OPTION 1 - BLACK 2 - NATURAL										PART NUMBER		DIM 'A'	DIM 'B'	CKT SIZE	PLATING	LUBE																													
105310-1104		5.94	2.50	4	TIN												105310-2104		5.94	2.50	4	TIN																														
105310-1106		8.44	5.00	6													105310-2106		8.44	5.00	6																															
105310-1108		10.94	7.50	8													105310-2108		10.94	7.50	8																															
105310-1110		13.44	10.00	10													105310-2110		13.44	10.00	10																															
105310-1112		15.94	12.50	12													105310-2112		15.94	12.50	12																															
105310-1114		18.44	15.00	14													105310-2114		18.44	15.00	14																															
105310-1116		20.94	17.50	16													105310-2116		20.94	17.50	16																															
105310-1204		5.94	2.50	4	GOLD 0.38	NO											105310-2204		5.94	2.50	4	GOLD 0.38	NO																													
105310-1206		8.44	5.00	6													105310-2206		8.44	5.00	6																															
105310-1208		10.94	7.50	8													105310-2208		10.94	7.50	8																															
105310-1210		13.44	10.00	10													105310-2210		13.44	10.00	10																															
105310-1212		15.94	12.50	12													105310-2212		15.94	12.50	12																															
105310-1214		18.44	15.00	14													105310-2214		18.44	15.00	14																															
105310-1216		20.94	17.50	16													105310-2216		20.94	17.50	16																															
105310-1304		5.94	2.50	4	GOLD 0.76												105310-2304		5.94	2.50	4	GOLD 0.76																														
105310-1306		8.44	5.00	6													105310-2306		8.44	5.00	6																															
105310-1308		10.94	7.50	8													105310-2308		10.94	7.50	8																															
105310-1310		13.44	10.00	10													105310-2310		13.44	10.00	10																															
105310-1312		15.94	12.50	12													105310-2312		15.94	12.50	12																															
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105310-1316		20.94	17.50	16			105310-2316		20.94	17.50	16																																									
105310-1404		5.94	2.50	4	GOLD 0.76	YES	105310-2404		5.94	2.50	4	GOLD 0.76	YES																																							
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105310-1416		20.94	17.50	16			105310-2416		20.94	17.50	16																																									
COLOR: BLACK						COLOR: NATURAL																																														
PART NUMBER		DIM 'A'	DIM 'B'	CKT SIZE	PLATING	LUBE	PART NUMBER		DIM 'A'	DIM 'B'	CKT SIZE	PLATING	LUBE	<table><tr><td colspan="2">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td></tr><tr><td>DIMENSION UNITS</td><td>SCALE</td></tr><tr><td>mm</td><td>5:1</td></tr><tr><td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td></tr><tr><td>ANGULAR TOL</td><td>± 3.0 °</td></tr><tr><td>4 PLACES</td><td>±</td></tr><tr><td>3 PLACES</td><td>± 0.1</td></tr><tr><td>2 PLACES</td><td>± 0.2</td></tr><tr><td>1 PLACE</td><td>± 0.3</td></tr><tr><td>0 PLACES</td><td>±</td></tr><tr><td>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td>THIRD ANGLE PROJECTION</td><td>DRAWING</td><td>SERIES</td><td>MATERIAL NUMBER</td><td>CUSTOMER</td><td>SHEET NUMBER</td></tr><tr><td></td><td></td><td>A3-SIZE</td><td>105310</td><td></td><td>GENERAL MARKET</td><td>3 OF 5</td></tr></table>					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		DIMENSION UNITS	SCALE	mm	5:1	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	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER			A3-SIZE	105310		GENERAL MARKET	3 OF 5
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		A3-SIZE	105310		GENERAL MARKET	3 OF 5																																														
105310-1504		5.94	2.50	4	GOLD 0.025	NO	105310-2504		5.94	2.50	4	GOLD 0.025	NO																																							
105310-1506		8.44	5.00	6			105310-2506		8.44	5.00	6																																									
105310-1508		10.94	7.50	8			105310-2508		10.94	7.50	8																																									
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COLOR: BLACK						COLOR: NATURAL																																														
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105310- * * * *

CIRCUIT SIZE

PLATING OPTION

1 - TIN

2 - GOLD 0.38

3 - GOLD 0.76

4 - GOLD AND LUBE

5 - GOLD 0.025

COLOR OPTION

1 - BLACK

2 - NATURAL

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DIMENSION UNITS

mm

SCALE

5:1

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

CURRENT REV DESC:

EC NO: 749038
DRWN: GLLI
CHK'D: XQZHANG
APPR: XQZHANG

INITIAL REVISION:
DRWN: GLLI
APPR: AYIN

THIRD ANGLE PROJECTION

DRAWING
A3-SIZE

SERIES
105310

DOCUMENT NUMBER
SD-105310-100

CUSTOMER
GENERAL MARKET

SHEET NUMBER
3 OF 5

2023/05/10
2023/05/25
2023/05/25

2014/03/21
2015/04/08

molex

HEADER OF NANO-FIT, D/R, KINK, VERTICAL POWER CONNECTOR

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-105310-100

DOC TYPE

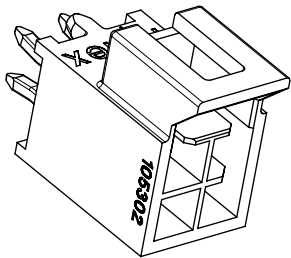
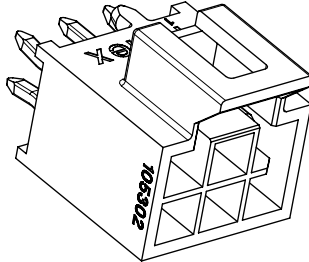
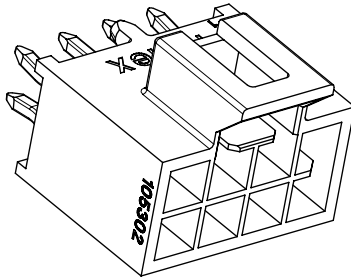
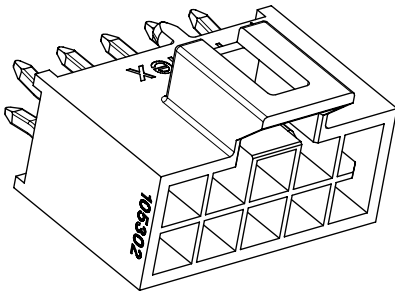
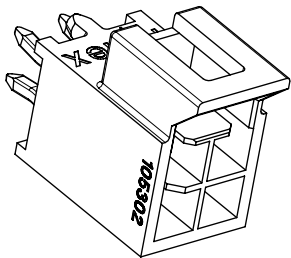
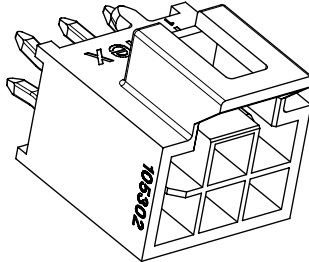
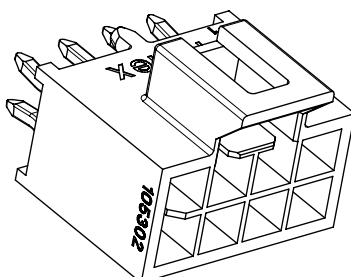
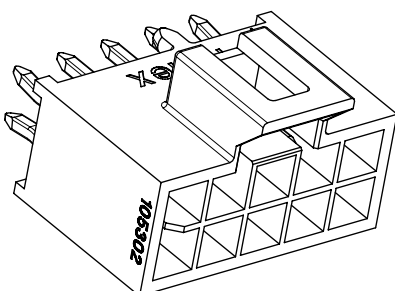
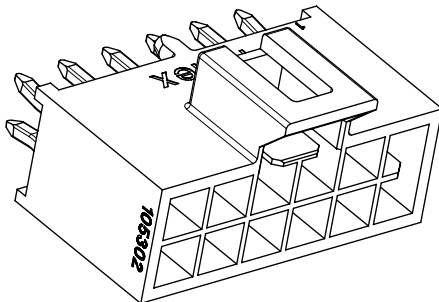
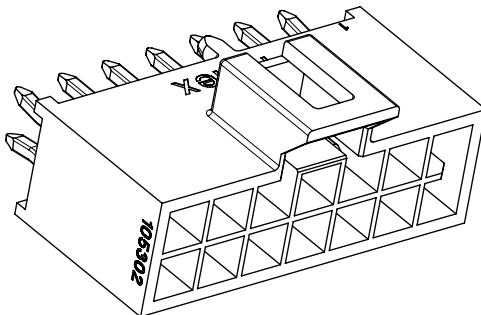
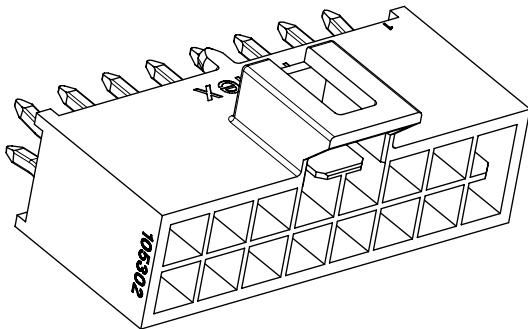
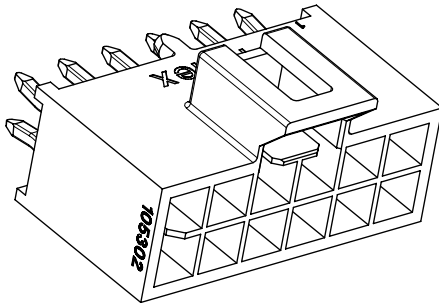
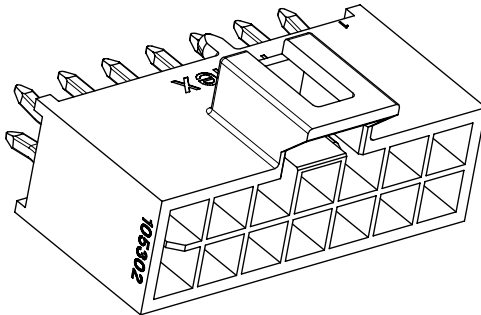
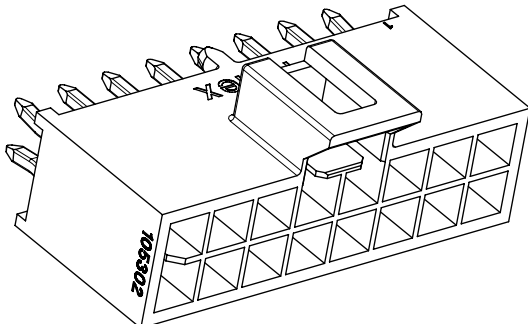
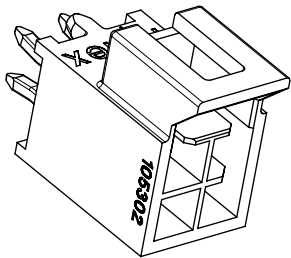
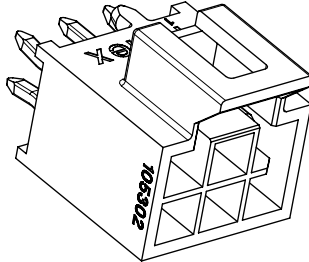
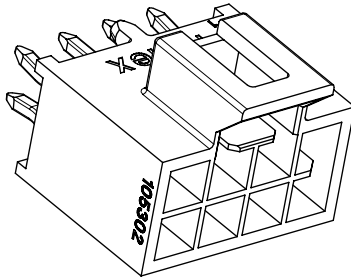
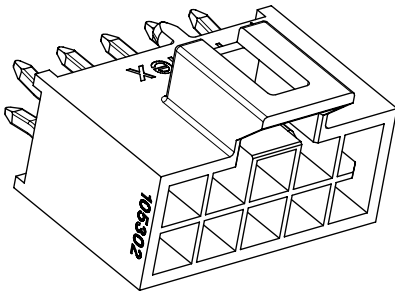
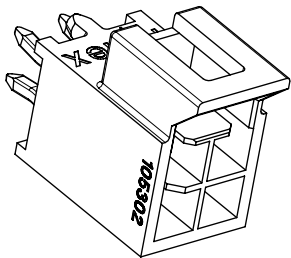
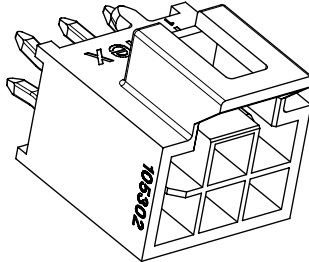
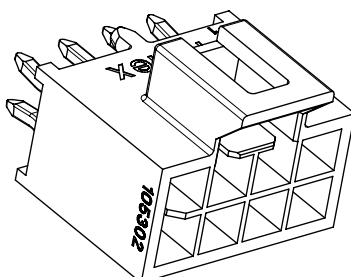
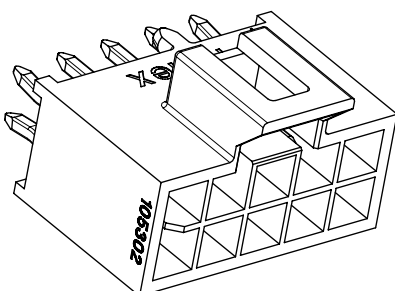
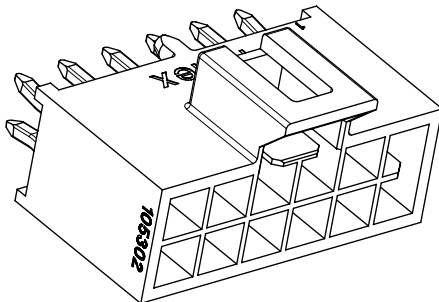
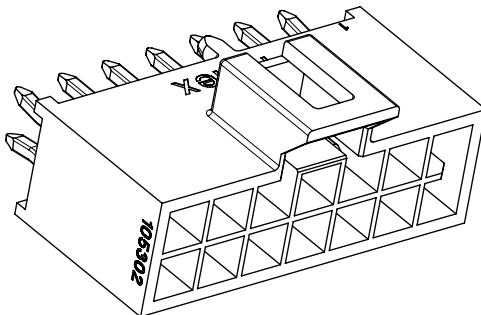
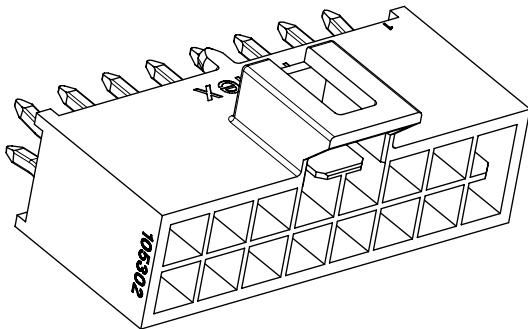
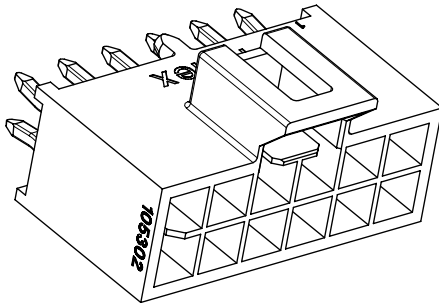
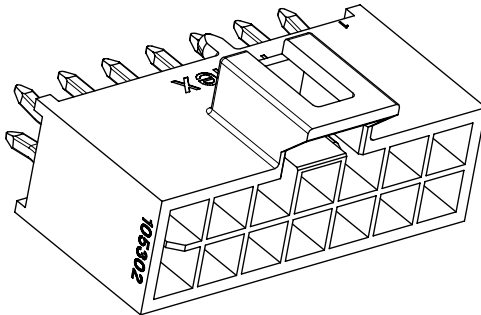
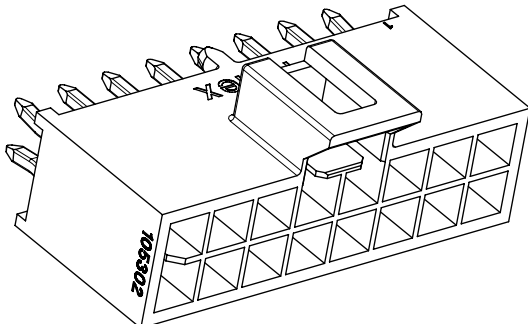
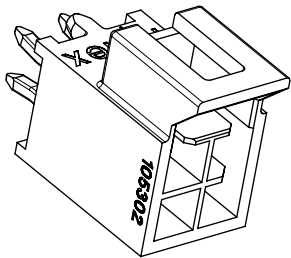
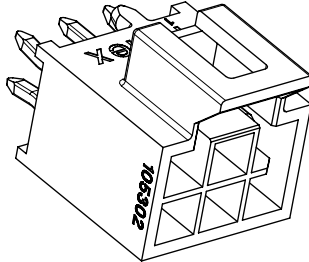
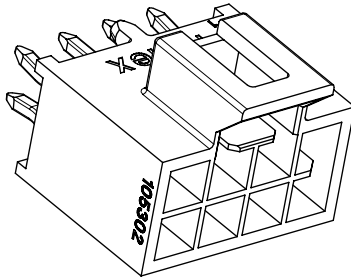
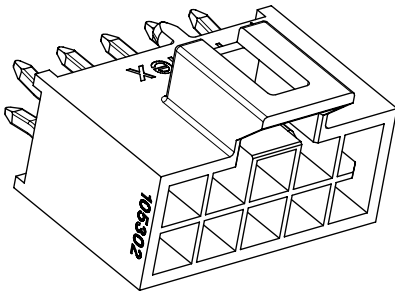
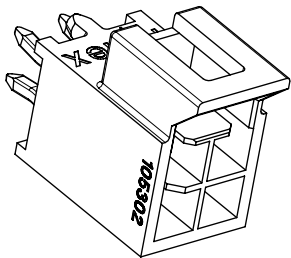
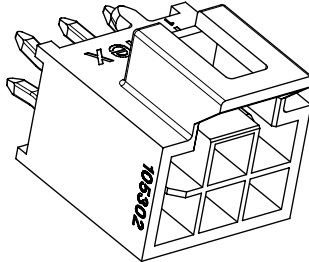
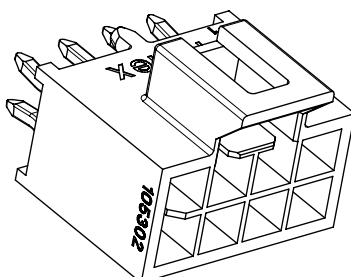
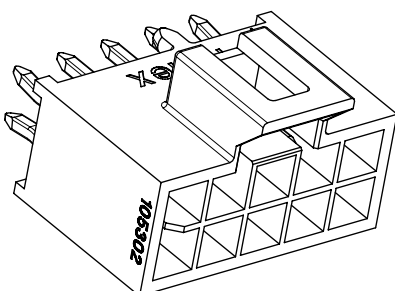
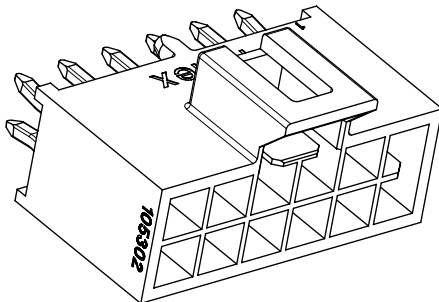
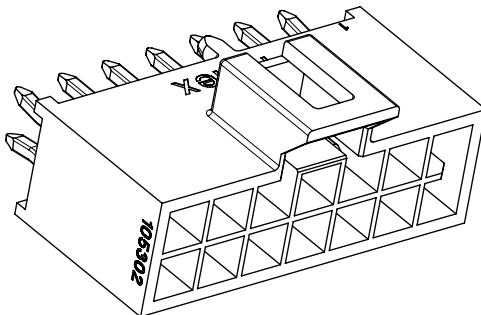
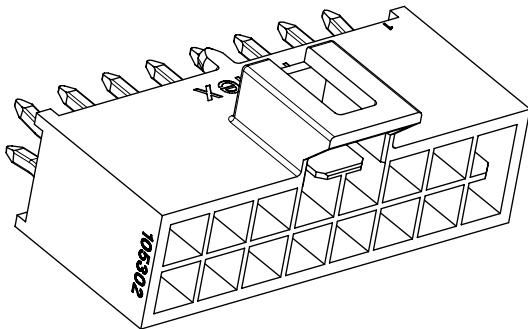
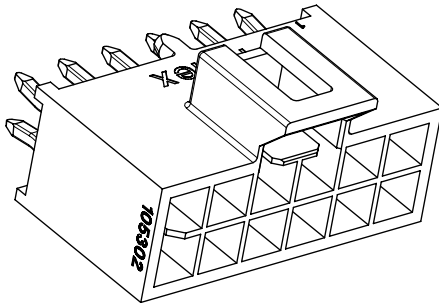
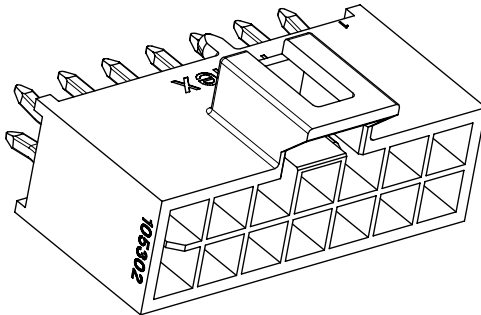
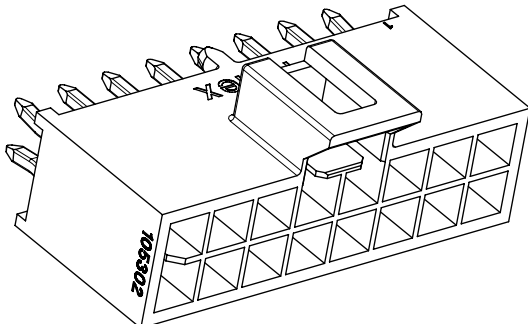
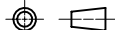
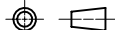
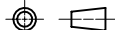
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NOTES FOR ALL PARTS

- 1> MATERIAL:
HOUSING: LCP, UL 94V-0; TERMINAL: 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.
d. GOLD 0.025 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.

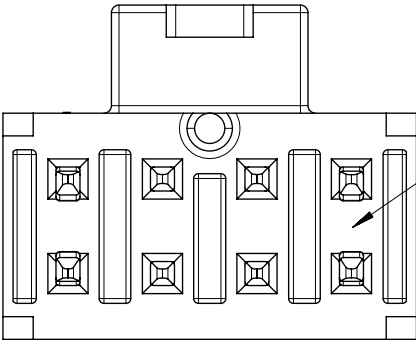
3> PRODUCT SPECIFICATION: PS-105300-100.
- 4> PACKAGE: TRAY, PK-105309-100.

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

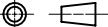
6> PRODUCT MATE WITH SERIES OF 105308(RECEPTACLE), 105300(CRIMP TERMINAL).

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.

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DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex				
mm		1:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)							HEADER OF NANO-FIT, D/R, KINK, VERTICAL POWER CONNECTOR				
ANGULAR TOL ± 3.0°											
4 PLACES		±		EC NO: 749038 DRWN: GLLI 2023/05/10 CHK'D: XQZHANG 2023/05/25 APPR: XQZHANG 2023/05/25			PRODUCT CUSTOMER DRAWING				
3 PLACES		± 0.1									
2 PLACES		± 0.2									
1 PLACE		± 0.3									
0 PLACES		±		INITIAL REVISION: DRWN: GLLI 2014/03/21 APPR: AYIN 2015/04/08			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
							SD-105310-100		PSD	000	H1
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				A3-SIZE		105310				GENERAL MARKET	5 OF 5