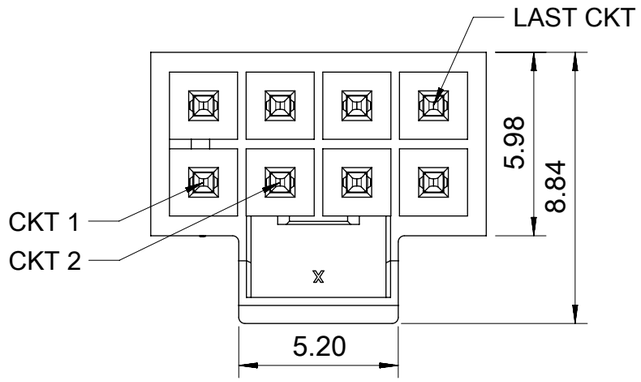
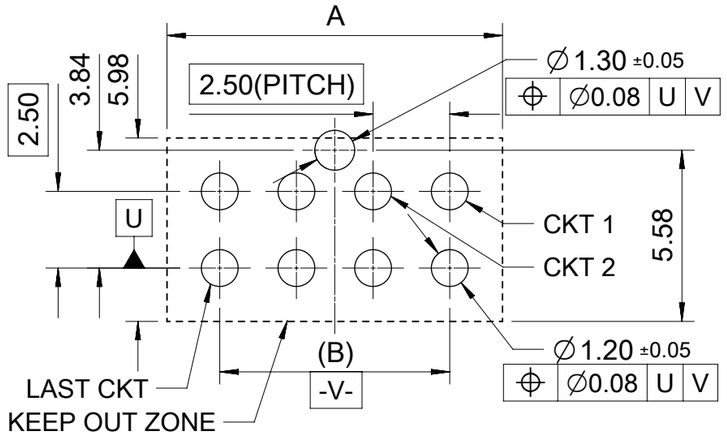
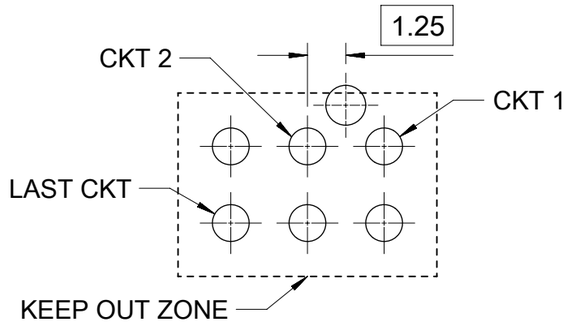
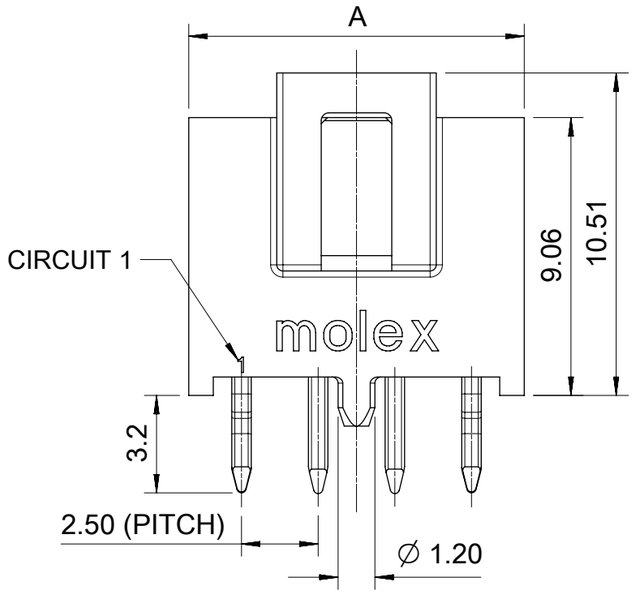
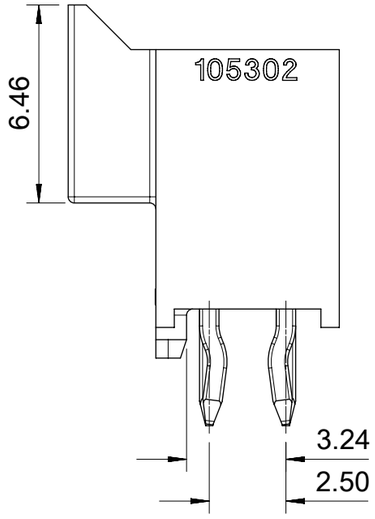


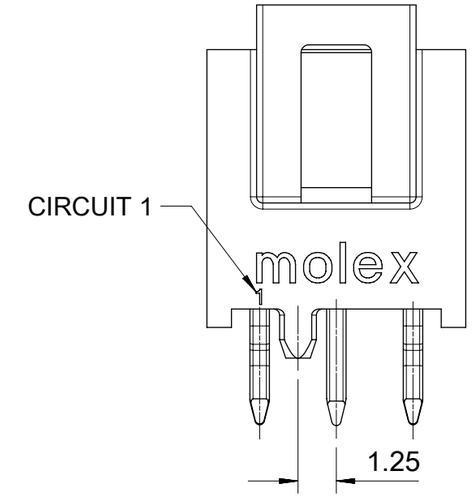




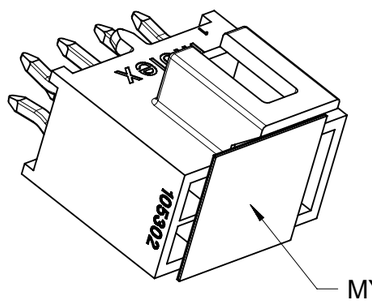


RECOMMENDED PCB(CONNECTOR SIDE VIEW)
THICKNESS=1.6 TO 2.4 MM





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



DOCUMENT STATUS	P1	RELEASE DATE	2022/03/11 09:07:40				

FORMAT: master-lb-prod-A3
REVISION: J
DATE: 2020/01/14

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FP = 0

DIVISIONAL SYMBOLS

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

CURRENT REV DESC:

EC NO: 698973
DRWN: GLLI 2022/03/07
CHK'D: XQZHANG 2022/03/11
APPR: XQZHANG 2022/03/11

INITIAL REVISION:
DRWN: GLLI 2019/09/24
APPR: YXZHENG 2020/03/16

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 105310

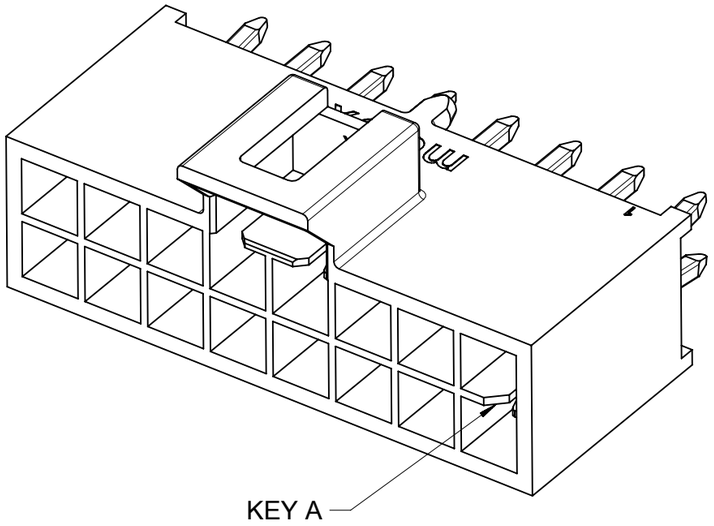
molex

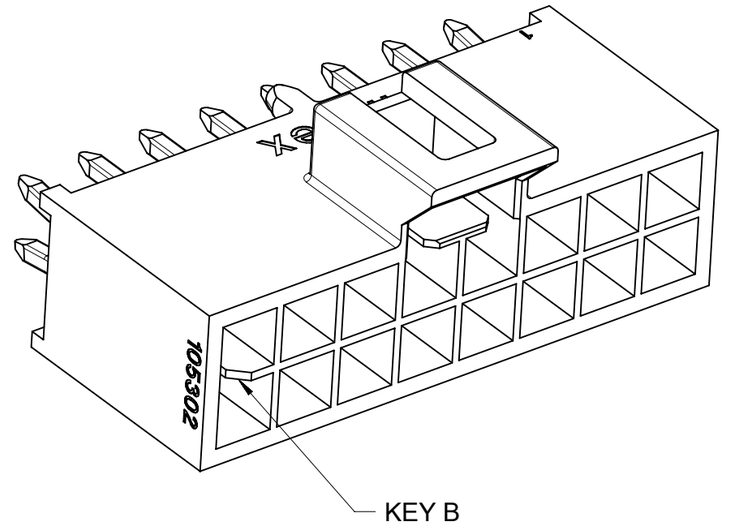
HEADER OF NANO-FIT, D/R, KINK, VERTICAL POWER CONNECTOR

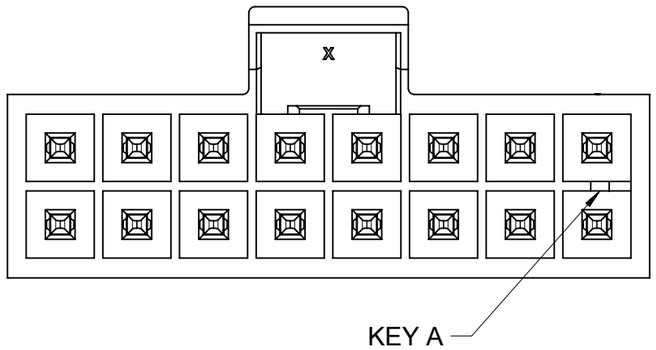
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
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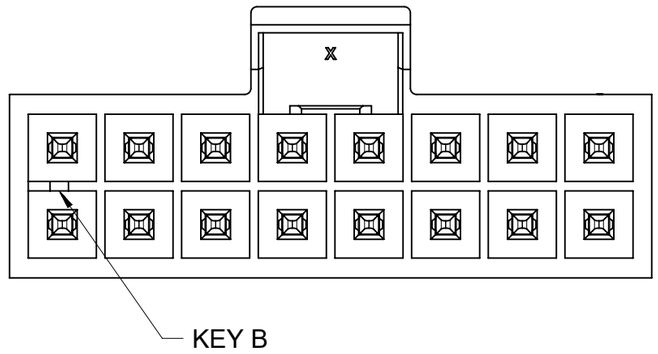
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	1 OF 5







BLACK



NATURAL

COLOR OPTION

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS	FA = 0, FC = 0, FD = 0
DIVISIONAL SYMBOLS	
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: 698973
DRWN: GLLI 2022/03/07
CHK'D: XQZHANG 2022/03/11
APPR: XQZHANG 2022/03/11

INITIAL REVISION:
DRWN: GLLI 2019/09/24
APPR: YXZHENG 2020/03/16

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 105310

molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
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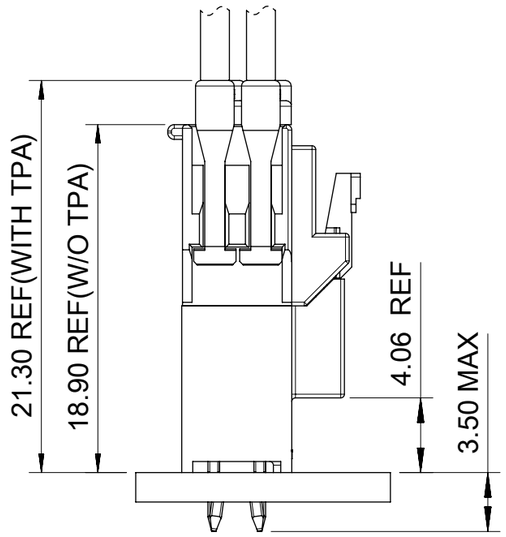
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	GENERAL MARKET	2 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2022/03/11 09:07:40

FORMAT: master-tb-prod-A3
REVISION: J
DATE: 2020/01/14

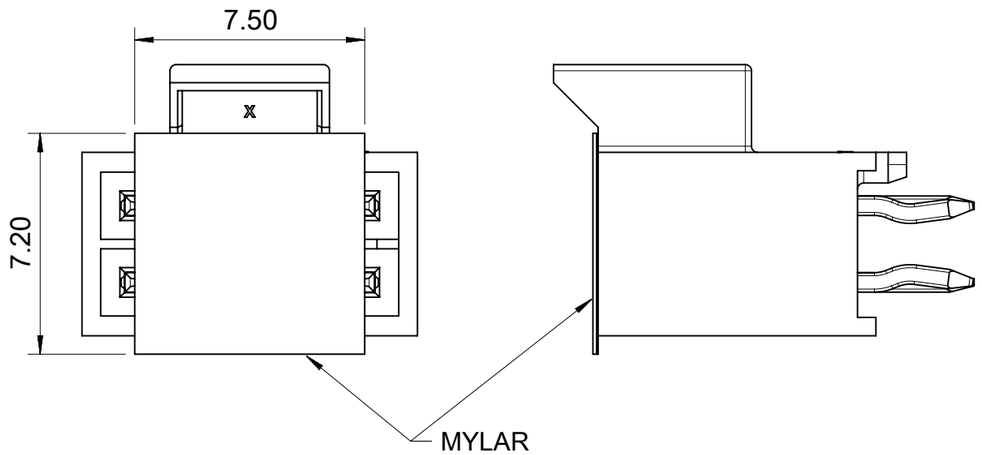
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105310-3504	5.94	2.50	4	TIN	YES
105310-3506	8.44	5.00	6		
105310-3508	10.94	7.50	8		
105310-3510	13.44	10.00	10		
105310-3512	15.94	12.50	12		
105310-3514	18.44	15.00	14		
105310-3516	20.94	17.50	16		
105310-3704	5.94	2.50	4	GOLD 0.38	
105310-3706	8.44	5.00	6		
105310-3708	10.94	7.50	8		
105310-3710	13.44	10.00	10		
105310-3712	15.94	12.50	12		
105310-3714	18.44	15.00	14		
105310-3716	20.94	17.50	16		
105310-3604	5.94	2.50	4	GOLD 0.76	
105310-3606	8.44	5.00	6		
105310-3608	10.94	7.50	8		
105310-3610	13.44	10.00	10		
105310-3612	15.94	12.50	12		
105310-3614	18.44	15.00	14		
105310-3616	20.94	17.50	16		
105310-3804	5.94	2.50	4	GOLD 0.76 + LUBE	
105310-3806	8.44	5.00	6		
105310-3808	10.94	7.50	8		
105310-3810	13.44	10.00	10		
105310-3812	15.94	12.50	12		
105310-3814	18.44	15.00	14		
105310-3816	20.94	17.50	16		

COLOR: BLACK



PART NUMBER	DIM 'A'	DIM 'B'	CKT SIZE	PLATING	MYLAR
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105310-4506	8.44	5.00	6		
105310-4508	10.94	7.50	8		
105310-4510	13.44	10.00	10		
105310-4512	15.94	12.50	12		
105310-4514	18.44	15.00	14		
105310-4516	20.94	17.50	16		
105310-4704	5.94	2.50	4	GOLD 0.38	
105310-4706	8.44	5.00	6		
105310-4708	10.94	7.50	8		
105310-4710	13.44	10.00	10		
105310-4712	15.94	12.50	12		
105310-4714	18.44	15.00	14		
105310-4716	20.94	17.50	16		
105310-4604	5.94	2.50	4	GOLD 0.76	
105310-4606	8.44	5.00	6		
105310-4608	10.94	7.50	8		
105310-4610	13.44	10.00	10		
105310-4612	15.94	12.50	12		
105310-4614	18.44	15.00	14		
105310-4616	20.94	17.50	16		
105310-4804	5.94	2.50	4	GOLD 0.76 + LUBE	
105310-4806	8.44	5.00	6		
105310-4808	10.94	7.50	8		
105310-4810	13.44	10.00	10		
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105310-4814	18.44	15.00	14		
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COLOR: NATURAL



DOCUMENT STATUS	P1	RELEASE DATE	2022/03/11 09:07:40

FORMAT: master-lb-prod-A3
REVISION: J
DATE: 2020/01/14

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FD = 0
DIVISIONAL SYMBOLS

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

CURRENT REV DESC:

EC NO: 698973
DRWN: GLLI 2022/03/07
CHK'D: XQZHANG 2022/03/11
APPR: XQZHANG 2022/03/11

INITIAL REVISION:
DRWN: GLLI 2019/09/24
APPR: YXZHENG 2020/03/16

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 105310

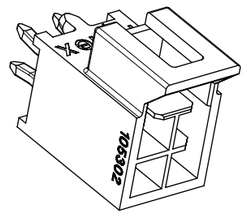
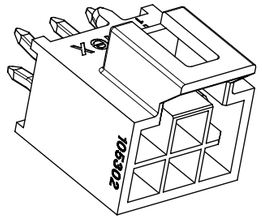
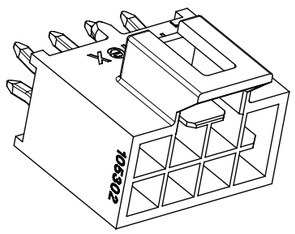
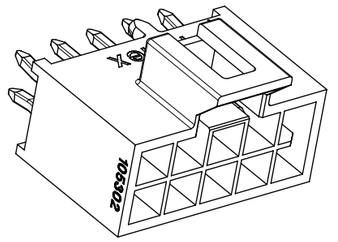
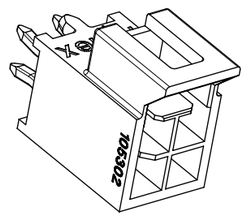
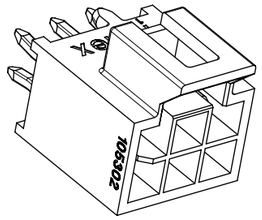
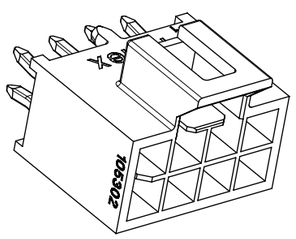
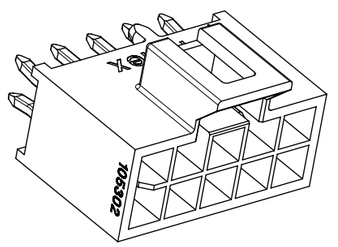
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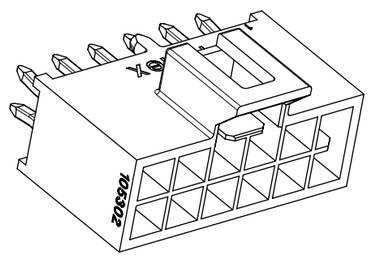
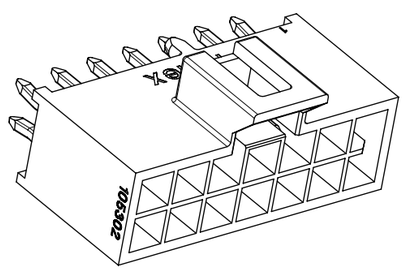
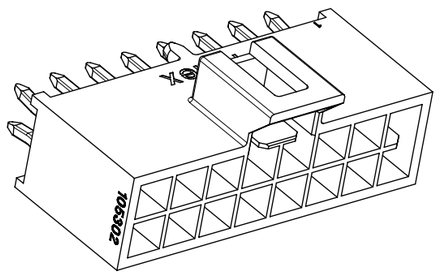
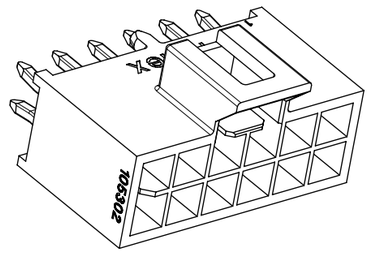
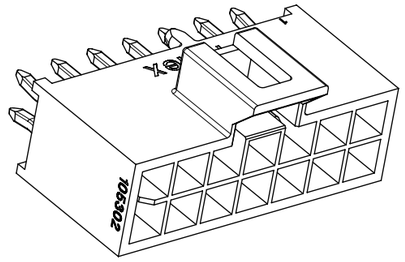
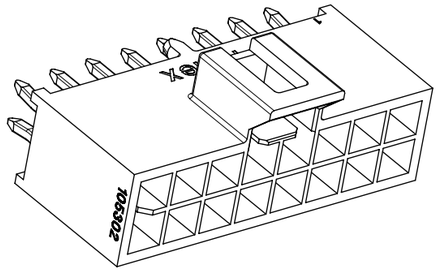
HEADER OF NANO-FIT, D/R, KINK, VERTICAL POWER CONNECTOR

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1053101000-SD	PSD	000	B1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	3 OF 5

	4 CKT	6 CKT	8 CKT	10 CKT
BLACK				
NATURAL				

	12 CKT	14 CKT	16 CKT
BLACK			
NATURAL			

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
FA = 0	DIMENSION UNITS: mm	SCALE: 3:1	CURRENT REV DESC:
FC = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		
FV = 0	ANGULAR TOL ± 3.0 °		
DIVISIONAL SYMBOLS	4 PLACES ±		EC NO: 698973
	3 PLACES ± 0.1		DRWN: GLLI 2022/03/07
	2 PLACES ± 0.2		CHK'D: XQZHANG 2022/03/11
	1 PLACE ± 0.3		APPR: XQZHANG 2022/03/11
	0 PLACES ±		INITIAL REVISION:
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN: GLLI 2019/09/24
			APPR: YXZHENG 2020/03/16

molex

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

PRODUCT CUSTOMER DRAWING

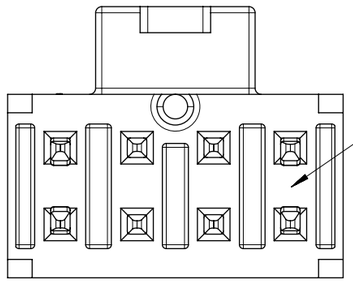
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1053101000-SD	PSD	000	B1

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	105310		GENERAL MARKET	4 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2022/03/11 09:07:40

FORMAT: master-tb-prod-A3
REVISION: J
DATE: 2020/01/14

NOTES FOR ALL PARTS	
1> MATERIAL: HOUSING: LCP, UL 94V-0; TERMINAL: BRASS. 2> PLATING FINISHED: TERMINAL: CONTACT AREA: a. REFLOW MATTE TIN 1.5MICRONS MIN; b. GOLD 0.38 MICRONS MIN; c. GOLD 0.76 MICRONS MIN. SOLDER AREA: MATTE TIN 1.5 MICRONS MIN, UNDER PLATING NICKEL 1.25 MICRONS MIN.	3> PRODUCT SPECIFICATION: PS-105300-100. 4> PACKAGE: TAPE REEL, 1053101000-PK. 5> PRODUCT MATE WITH SERIES OF 105308(RECEPTACLE), 105300(CRIMP TERMINAL). 6> PARTS CONFORM TO CLASS 'B'REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002. 7> 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.

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FP = 0
DIVISIONAL SYMBOLS

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DIMENSION UNITS	SCALE
mm	1:1

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: 698973
DRWN: GLLI 2022/03/07
CHK'D: XQZHANG 2022/03/11
APPR: XQZHANG 2022/03/11

INITIAL REVISION:
DRWN: GLLI 2019/09/24
APPR: YXZHENG 2020/03/16

molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1053101000-SD	PSD	000	B1

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 105310

MATERIAL NUMBER | CUSTOMER: GENERAL MARKET | SHEET NUMBER: 5 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2022/03/11 09:07:40

FORMAT: master-tb-prod-A3
REVISION: J
DATE: 2020/01/14