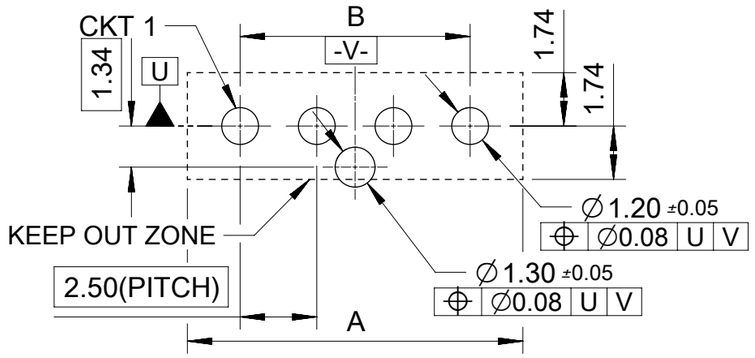
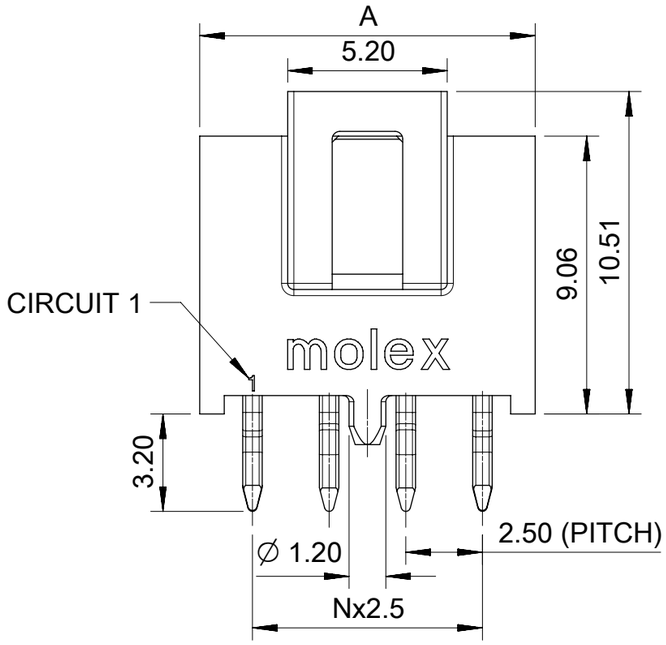
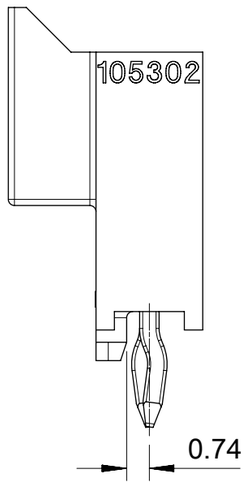
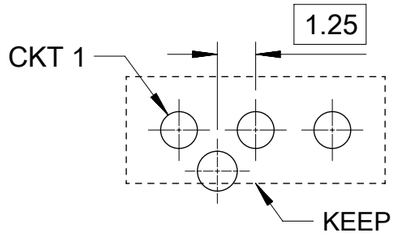


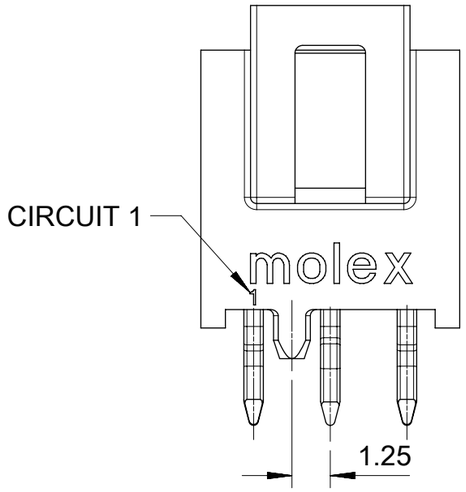


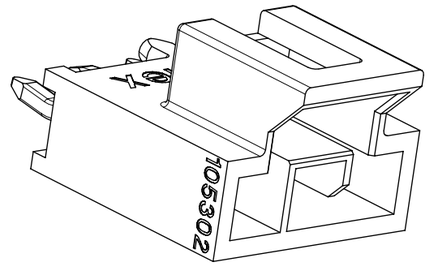




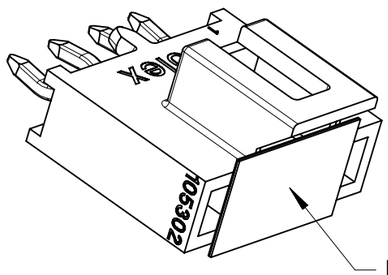
RECOMMENDED PCB(CONNECTOR SIDE VIEW)
THICKNESS= 1.6 TO 2.4 MM.







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



DOCUMENT STATUS	P1	RELEASE DATE	2020/11/09 01:28:13				

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	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: 648137
DRWN: GLLI 2020/10/30
CHK'D: YXZHENG 2020/11/09
APPR: YXZHENG 2020/11/09

INITIAL REVISION:
DRWN: GLLI 2019/09/23
APPR: YXZHENG 2020/03/16

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 105309

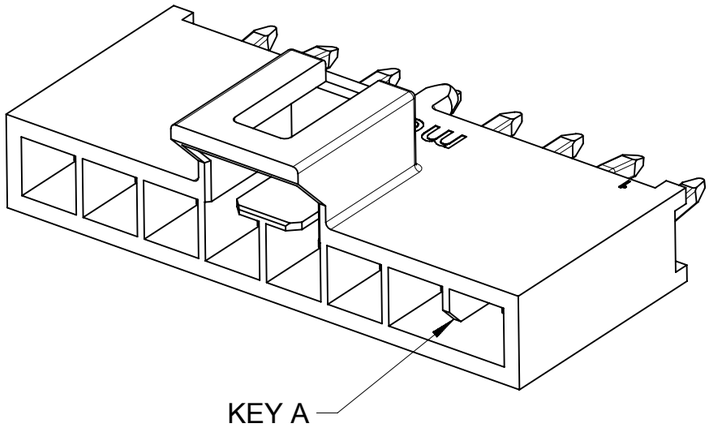
molex

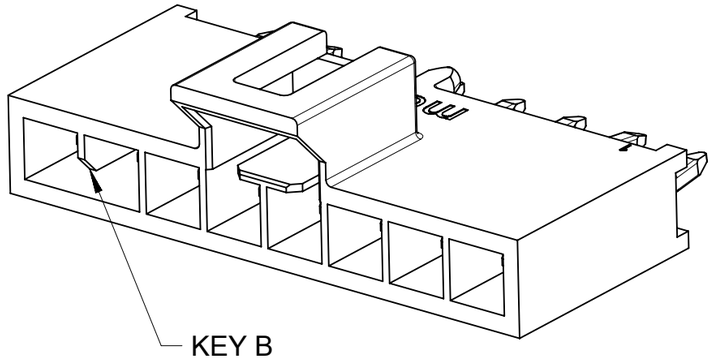
HEADER OF NANO-FIT, S/R, VERTICAL, KINK POWER CONNECTOR

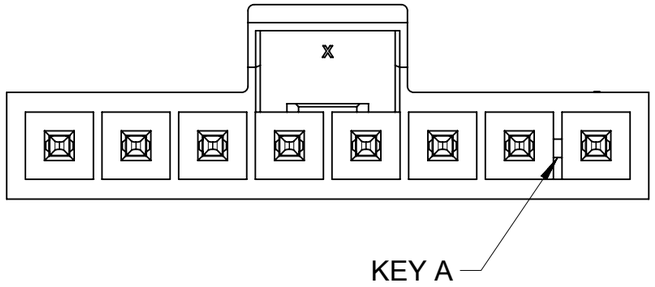
PRODUCT CUSTOMER DRAWING

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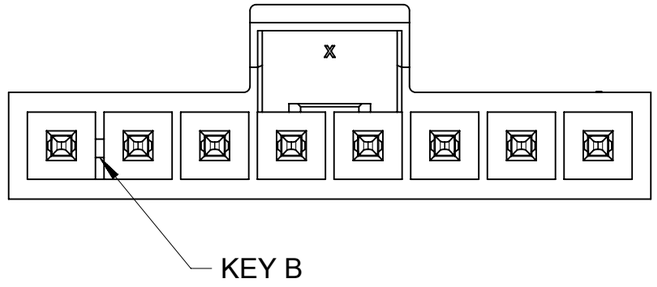
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	1 OF 5







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	DIMENSION UNITS	SCALE	CURRENT REV DESC:
FA = 0	mm	5:1	
FC = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		
FP = 0	ANGULAR TOL ± 3.0 °		
DIVISIONAL SYMBOLS	4 PLACES ±		EC NO: 648137
	3 PLACES ± 0.1		DRWN: GLLI 2020/10/30
	2 PLACES ± 0.2		CHK'D: YXZHENG 2020/11/09
	1 PLACE ± 0.3		APPR: YXZHENG 2020/11/09
	0 PLACES ±		INITIAL REVISION:
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN: GLLI 2019/09/23
			APPR: YXZHENG 2020/03/16

THIRD ANGLE PROJECTION	DRAWING	SERIES	
	A3-SIZE	105309	

molex

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

PRODUCT CUSTOMER DRAWING

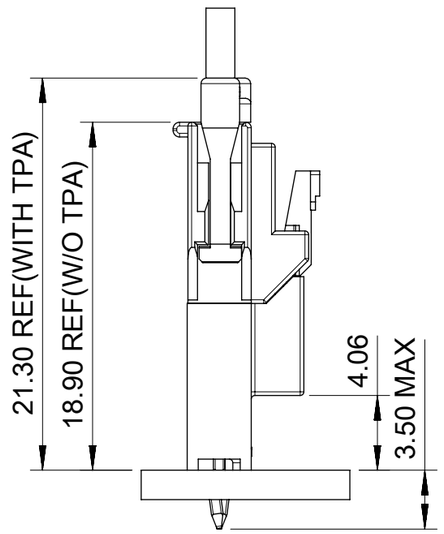
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1053091000-SD	PSD	000	C

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	2 OF 5

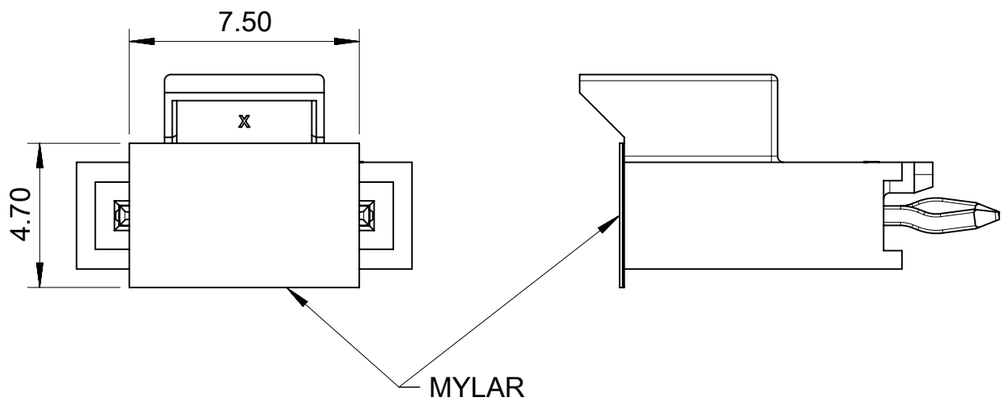
DOCUMENT STATUS	P1	RELEASE DATE	2020/11/09 01:28:13

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

PART NUMBER	DIM 'A'	DIM 'B'	CKT SIZE	PLATING	MYLAR
105309-3502	5.94	2.50	2	TIN	YES
105309-3503	8.44	5.00	3		
105309-3504	10.94	7.50	4		
105309-3505	13.44	10.00	5		
105309-3506	15.94	12.50	6		
105309-3507	18.44	15.00	7		
105309-3508	20.94	17.50	8		
105309-3702	5.94	2.50	2	GOLD 0.38	
105309-3703	8.44	5.00	3		
105309-3704	10.94	7.50	4		
105309-3705	13.44	10.00	5		
105309-3706	15.94	12.50	6		
105309-3707	18.44	15.00	7		
105309-3708	20.94	17.50	8		
105309-3602	5.94	2.50	2	GOLD 0.76	
105309-3603	8.44	5.00	3		
105309-3604	10.94	7.50	4		
105309-3605	13.44	10.00	5		
105309-3606	15.94	12.50	6		
105309-3607	18.44	15.00	7		
105309-3608	20.94	17.50	8		
105309-3802	5.94	2.50	2	GOLD 0.76 + LUBE	
105309-3803	8.44	5.00	3		
105309-3804	10.94	7.50	4		
105309-3805	13.44	10.00	5		
105309-3806	15.94	12.50	6		
105309-3807	18.44	15.00	7		
105309-3808	20.94	17.50	8		
COLOR: BLACK					



PART NUMBER	DIM 'A'	DIM 'B'	CKT SIZE	PLATING	MYLAR
105309-4502	5.94	2.50	2	TIN	YES
105309-4503	8.44	5.00	3		
105309-4504	10.94	7.50	4		
105309-4505	13.44	10.00	5		
105309-4506	15.94	12.50	6		
105309-4507	18.44	15.00	7		
105309-4508	20.94	17.50	8		
105309-4702	5.94	2.50	2	GOLD 0.38	
105309-4703	8.44	5.00	3		
105309-4704	10.94	7.50	4		
105309-4705	13.44	10.00	5		
105309-4706	15.94	12.50	6		
105309-4707	18.44	15.00	7		
105309-4708	20.94	17.50	8		
105309-4602	5.94	2.50	2	GOLD 0.76	
105309-4603	8.44	5.00	3		
105309-4604	10.94	7.50	4		
105309-4605	13.44	10.00	5		
105309-4606	15.94	12.50	6		
105309-4607	18.44	15.00	7		
105309-4608	20.94	17.50	8		
105309-4802	5.94	2.50	2	GOLD 0.76 + LUBE	
105309-4803	8.44	5.00	3		
105309-4804	10.94	7.50	4		
105309-4805	13.44	10.00	5		
105309-4806	15.94	12.50	6		
105309-4807	18.44	15.00	7		
105309-4808	20.94	17.50	8		
COLOR: NATURAL					



DOCUMENT STATUS	P1	RELEASE DATE	2020/11/09 01:28:13

FORMAT: master-tb-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: 648137
DRWN: GLLI 2020/10/30
CHK'D: YXZHENG 2020/11/09
APPR: YXZHENG 2020/11/09

INITIAL REVISION:
DRWN: GLLI 2019/09/23
APPR: YXZHENG 2020/03/16

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 105309

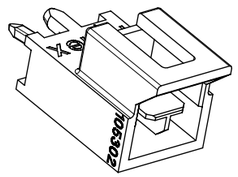
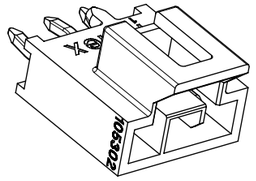
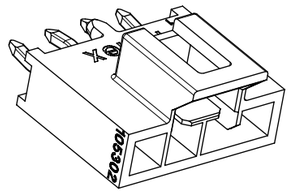
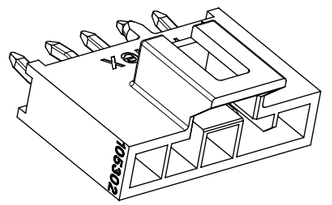
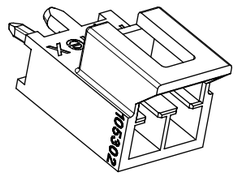
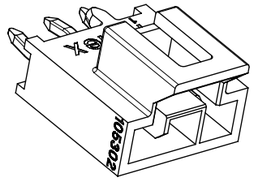
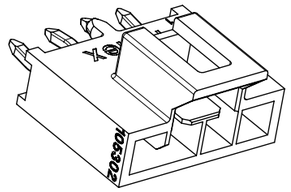
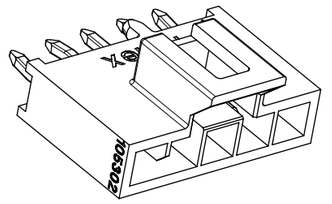
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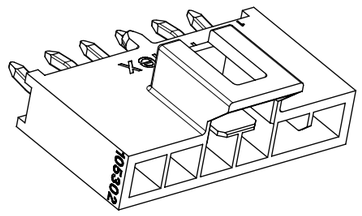
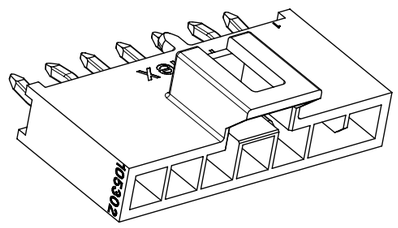
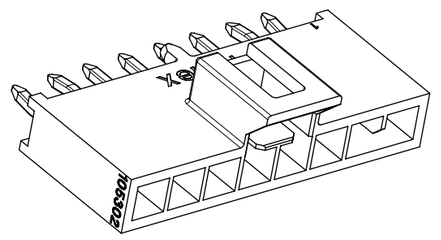
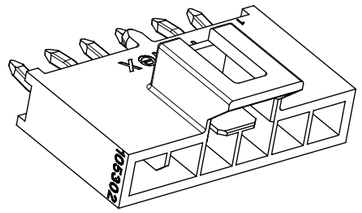
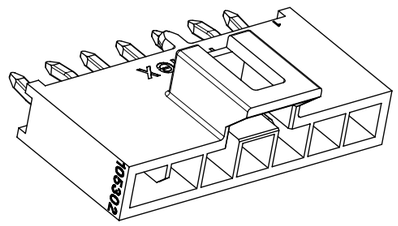
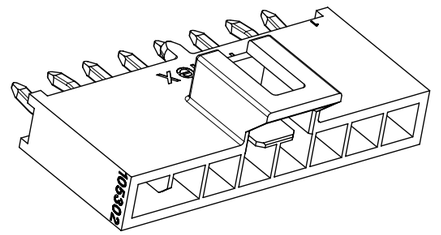
HEADER OF NANO-FIT, S/R, VERTICAL, KINK POWER CONNECTOR

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1053091000-SD	PSD	000	C

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	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

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FP = 0

DIVISIONAL SYMBOLS

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: 648137
DRWN: GLLI 2020/10/30
CHK'D: YXZHENG 2020/11/09
APPR: YXZHENG 2020/11/09

INITIAL REVISION:
DRWN: GLLI 2019/09/23
APPR: YXZHENG 2020/03/16

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 105309

molex

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

PRODUCT CUSTOMER DRAWING

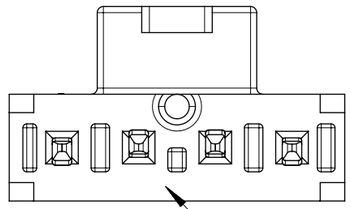
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1053091000-SD	PSD	000	C

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	4 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2020/11/09 01:28:13

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

NOTES FOR ALL PARTS	
1> MATERIAL: HOUSING: LCP 30% GF, 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, 1053091000-PK. 5> PRODUCT MATE WITH SERIES OF 105307(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
FD = 0

DIVISIONAL SYMBOLS

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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: 648137
DRWN: GLLI 2020/10/30
CHK'D: YXZHENG 2020/11/09
APPR: YXZHENG 2020/11/09

INITIAL REVISION:
DRWN: GLLI 2019/09/23
APPR: YXZHENG 2020/03/16

molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1053091000-SD	PSD	000	C

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	105309		GENERAL MARKET	5 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2020/11/09 01:28:13

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

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

molex:

0190690033 152660117 430450225 439151216 447642001 151660057 151670255 190990009
447641402 5046940301 152670357 190670071 397730002 0436400901 398800403 444280402
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