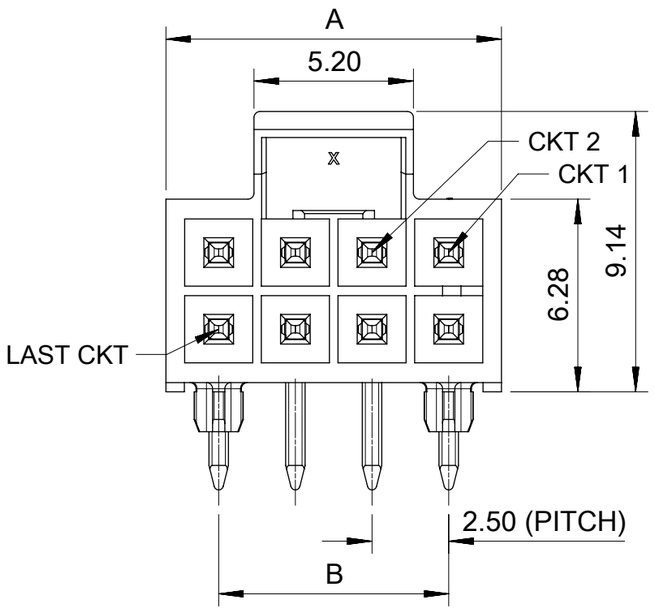
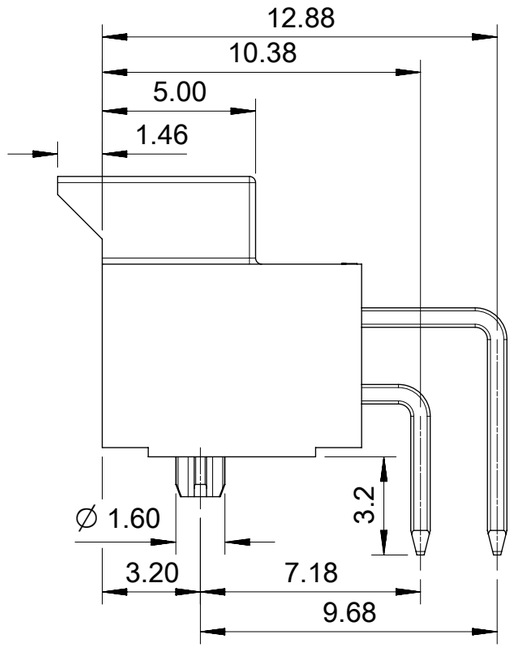
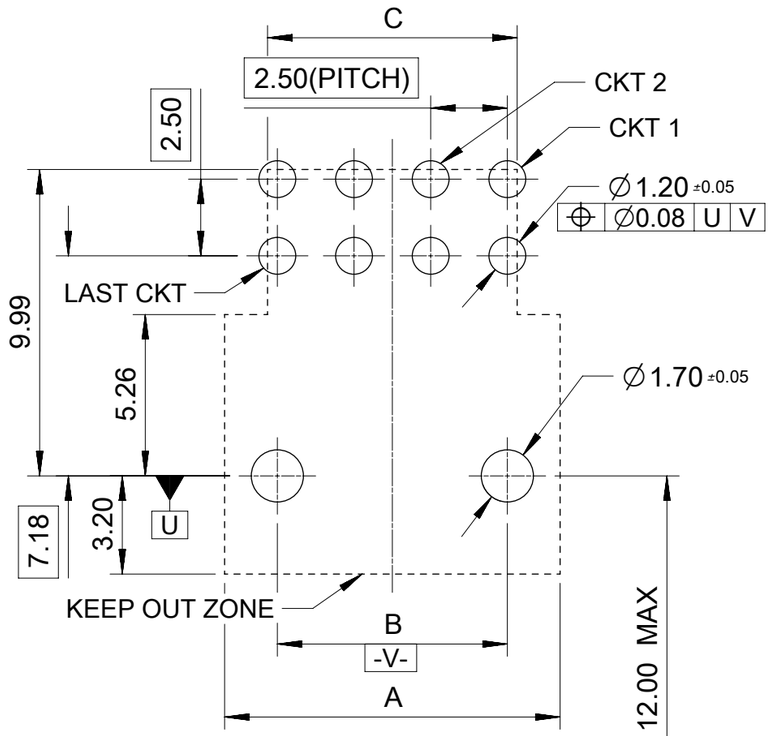
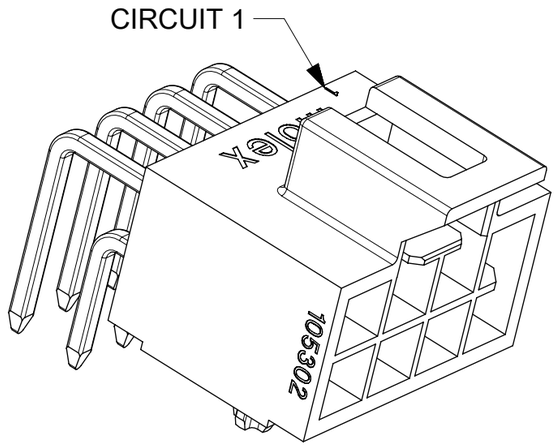






RECOMMENDED PCB(CONNECTOR SIDE VIEW)
THICKNESS=1.6 TO 2.4 MM.

OPTION 1: LATCH FLUSH WITH PCB EDGE.
OPTION 2: HOUSING BODY FLUSH WITH PCB EDGE.



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
FA = 0	mm	5:1
FC = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)	
FP = 0	ANGULAR TOL ± 3.0 °	
DIVISIONAL SYMBOLS	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: 638342
DRWN: GLLI 2020/05/27
CHK'D: YXZHENG 2020/06/03
APPR: YXZHENG 2020/06/03

INITIAL REVISION:
DRWN: GLLI 2019/06/12
APPR: YXZHENG 2020/03/16

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 105314

molex

HEADER OF NANO-FIT, D/R, R/A POWER CONNECTOR

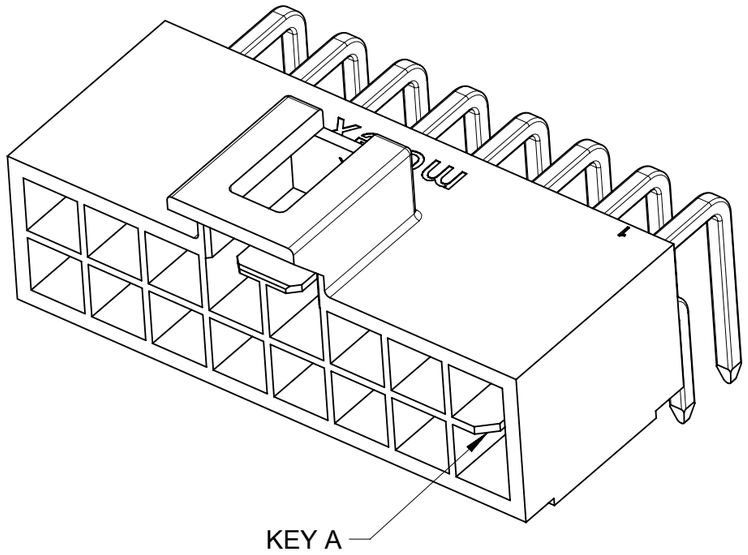
PRODUCT CUSTOMER DRAWING

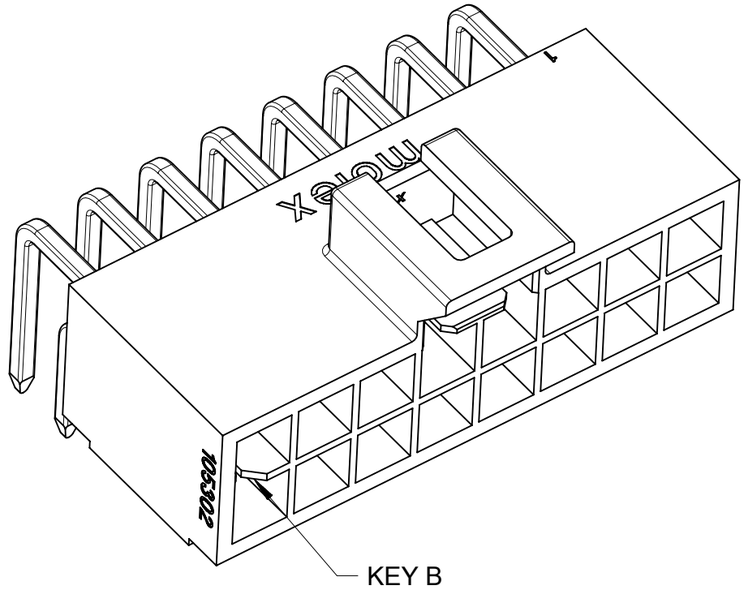
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1053141000-SD	PSD	000	B

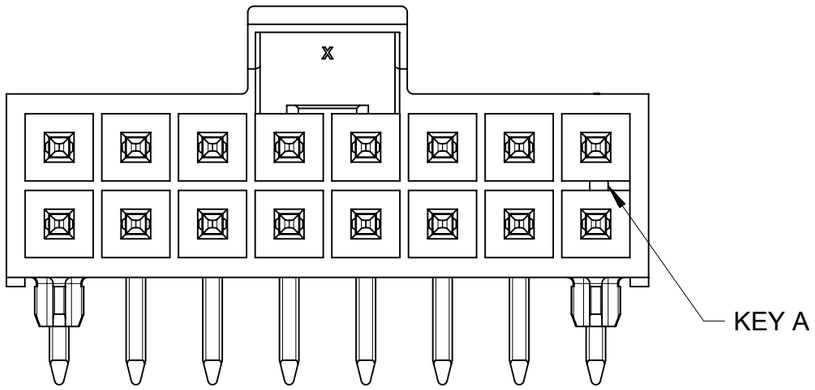
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	1 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2020/06/03 01:34:34

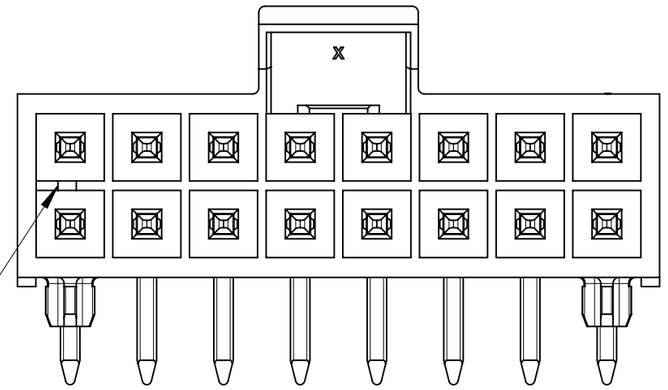
FORMAT: master-lb-prod-A3
REVISION: J
DATE: 2020/01/14







BLACK



NATURAL

COLOR OPTION

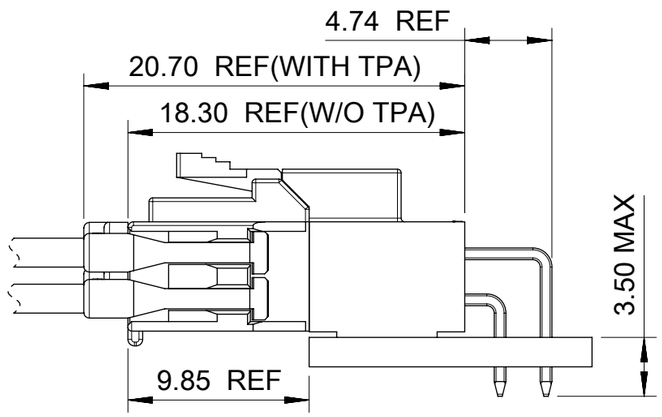
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FORMAT: master-lb-prod-A3
REVISION: J
DATE: 2020/01/14

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: 5:1	CURRENT REV DESC:				molex		
FC = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)						HEADER OF NANO-FIT, D/R, R/A POWER CONNECTOR		
FP = 0	ANGULAR TOL ± 3.0 °		EC NO: 638342						
DIVISIONAL SYMBOLS	4 PLACES ±		DRWN: GLLI 2020/05/27				PRODUCT CUSTOMER DRAWING		
	3 PLACES ± 0.1		CHK'D: YXZHENG 2020/06/03				DOCUMENT NUMBER: 1053141000-SD	DOC TYPE: PSD	DOC PART: 000
	2 PLACES ± 0.2		APPR: YXZHENG 2020/06/03						REVISION: B
	1 PLACE ± 0.3		INITIAL REVISION:						
	0 PLACES ±		DRWN: GLLI 2019/06/12						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: YXZHENG 2020/03/16						
			THIRD ANGLE PROJECTION	DRAWING: A3-SIZE	SERIES: 105314		MATERIAL NUMBER	CUSTOMER: GENERAL MARKET	SHEET NUMBER: 2 OF 5

PART NUMBER	DIM 'A'	DIM 'B'	DIM 'C'	CKT SIZE	PLATING
105314-1504	5.94	2.50	3.14	4	TIN
105314-1506	8.44	5.00	5.64	6	
105314-1508	10.94	7.50	8.14	8	
105314-1510	13.44	10.00	10.64	10	
105314-1512	15.94	12.50	13.14	12	
105314-1514	18.44	15.00	15.64	14	
105314-1516	20.94	17.50	18.14	16	
105314-1704	5.94	2.50	3.14	4	GOLD 0.38
105314-1706	8.44	5.00	5.64	6	
105314-1708	10.94	7.50	8.14	8	
105314-1710	13.44	10.00	10.64	10	
105314-1712	15.94	12.50	13.14	12	
105314-1714	18.44	15.00	15.64	14	
105314-1716	20.94	17.50	18.14	16	
105314-1604	5.94	2.50	3.14	4	GOLD 0.76
105314-1606	8.44	5.00	5.64	6	
105314-1608	10.94	7.50	8.14	8	
105314-1610	13.44	10.00	10.64	10	
105314-1612	15.94	12.50	13.14	12	
105314-1614	18.44	15.00	15.64	14	
105314-1616	20.94	17.50	18.14	16	
105314-1804	5.94	2.50	3.14	4	GOLD 0.76 + LUBE
105314-1806	8.44	5.00	5.64	6	
105314-1808	10.94	7.50	8.14	8	
105314-1810	13.44	10.00	10.64	10	
105314-1812	15.94	12.50	13.14	12	
105314-1814	18.44	15.00	15.64	14	
105314-1816	20.94	17.50	18.14	16	

COLOR: BLACK



PART NUMBER	DIM 'A'	DIM 'B'	DIM 'C'	CKT SIZE	PLATING
105314-2504	5.94	2.50	3.14	4	TIN
105314-2506	8.44	5.00	5.64	6	
105314-2508	10.94	7.50	8.14	8	
105314-2510	13.44	10.00	10.64	10	
105314-2512	15.94	12.50	13.14	12	
105314-2514	18.44	15.00	15.64	14	
105314-2516	20.94	17.50	18.14	16	
105314-2704	5.94	2.50	3.14	4	GOLD 0.38
105314-2706	8.44	5.00	5.64	6	
105314-2708	10.94	7.50	8.14	8	
105314-2710	13.44	10.00	10.64	10	
105314-2712	15.94	12.50	13.14	12	
105314-2714	18.44	15.00	15.64	14	
105314-2716	20.94	17.50	18.14	16	
105314-2604	5.94	2.50	3.14	4	GOLD 0.76
105314-2606	8.44	5.00	5.64	6	
105314-2608	10.94	7.50	8.14	8	
105314-2610	13.44	10.00	10.64	10	
105314-2612	15.94	12.50	13.14	12	
105314-2614	18.44	15.00	15.64	14	
105314-2616	20.94	17.50	18.14	16	
105314-2804	5.94	2.50	3.14	4	GOLD 0.76 + LUBE
105314-2806	8.44	5.00	5.64	6	
105314-2808	10.94	7.50	8.14	8	
105314-2810	13.44	10.00	10.64	10	
105314-2812	15.94	12.50	13.14	12	
105314-2814	18.44	15.00	15.64	14	
105314-2816	20.94	17.50	18.14	16	

COLOR: NATURAL

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	3:1

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: 638342
DRWN: GLLI 2020/05/27
CHK'D: YXZHENG 2020/06/03
APPR: YXZHENG 2020/06/03

INITIAL REVISION:
DRWN: GLLI 2019/06/12
APPR: YXZHENG 2020/03/16

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 105314

molex

HEADER OF NANO-FIT, D/R, R/A POWER CONNECTOR

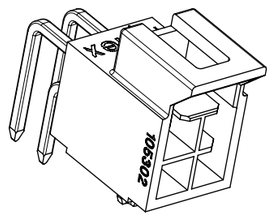
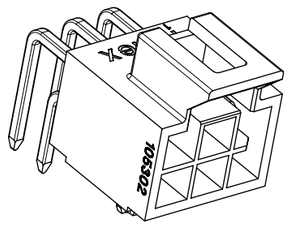
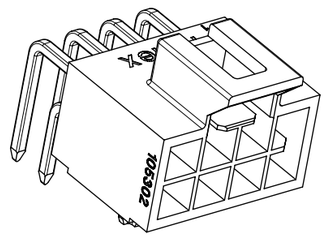
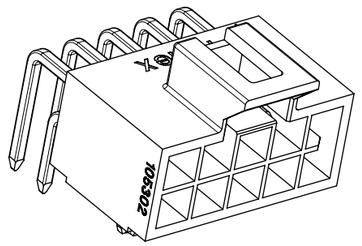
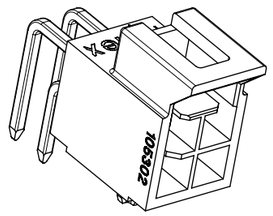
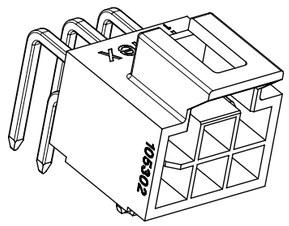
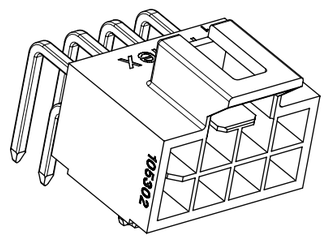
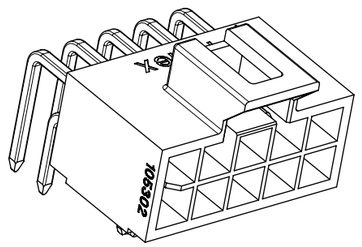
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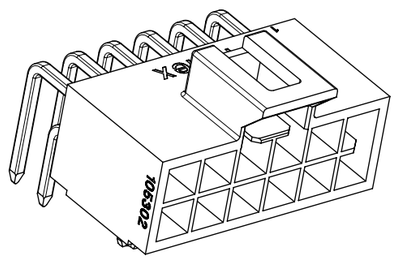
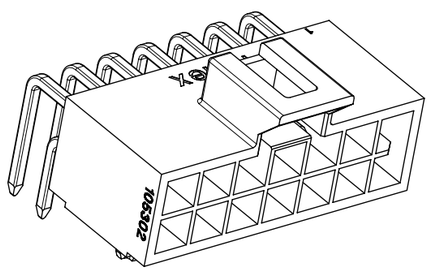
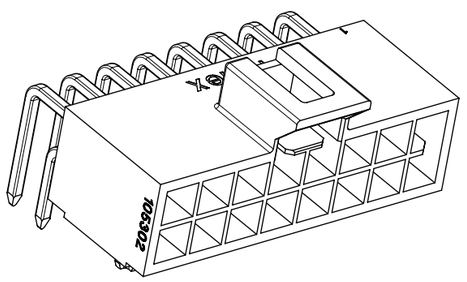
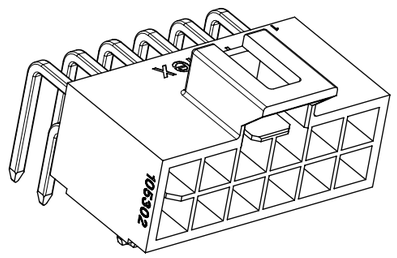
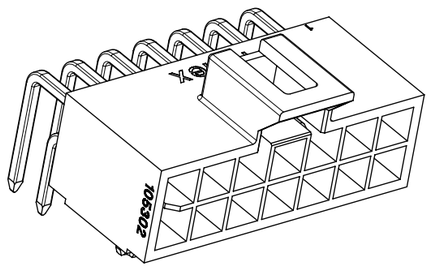
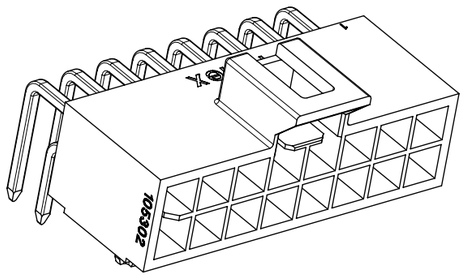
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1053141000-SD	PSD	000	B

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	3 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2020/06/03 01:34:34

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

	4 CKT	6 CKT	8 CKT	10 CKT
BLACK				
NATURAL				

	12 CKT	14 CKT	16 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	3:1

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: 638342
DRWN: GLLI 2020/05/27
CHK'D: YXZHENG 2020/06/03
APPR: YXZHENG 2020/06/03

INITIAL REVISION:
DRWN: GLLI 2019/06/12
APPR: YXZHENG 2020/03/16

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 105314

molex

HEADER OF NANO-FIT, D/R, R/A POWER CONNECTOR

PRODUCT CUSTOMER DRAWING

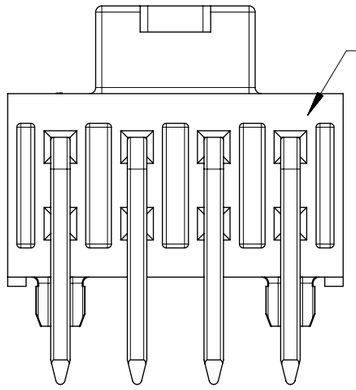
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1053141000-SD	PSD	000	B

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	4 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2020/06/03 01:34:34

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, DETAILS REFER TO DRAWING OF 1053141000-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.

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: 638342
DRWN: GLLI 2020/05/27
CHK'D: YXZHENG 2020/06/03
APPR: YXZHENG 2020/06/03

INITIAL REVISION:
DRWN: GLLI 2019/06/12
APPR: YXZHENG 2020/03/16

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 105314

molex

HEADER OF NANO-FIT, D/R, R/A POWER CONNECTOR

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1053141000-SD	PSD	000	B

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	5 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2020/06/03 01:34:34

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

Unikeyic Electronics

Global Electronic Components Distributor

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

molex:

152670251 417920538 0190690033 0190700155 152670269 436803002 447691602 759001161
0436400901 430451220 439151216 190670071 398800403 444280402 5046940301 459705185
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