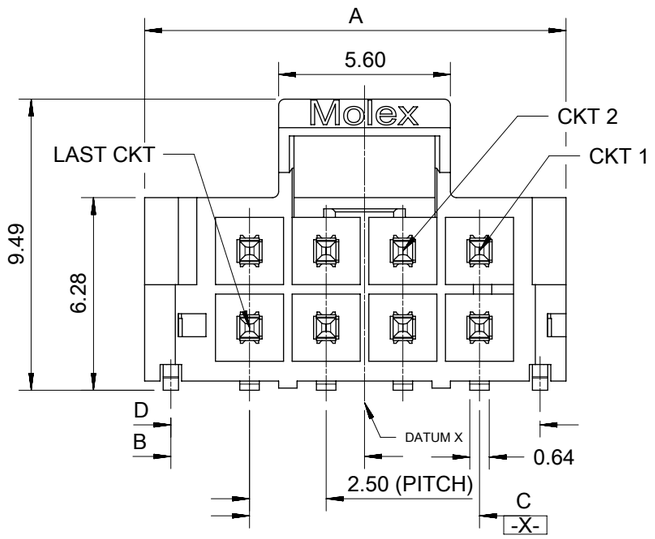
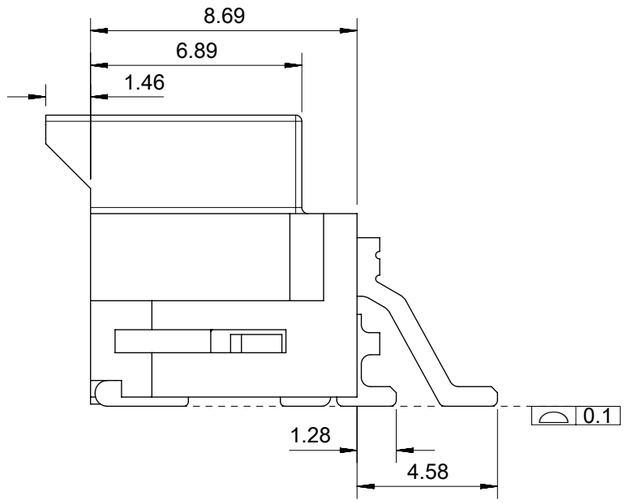
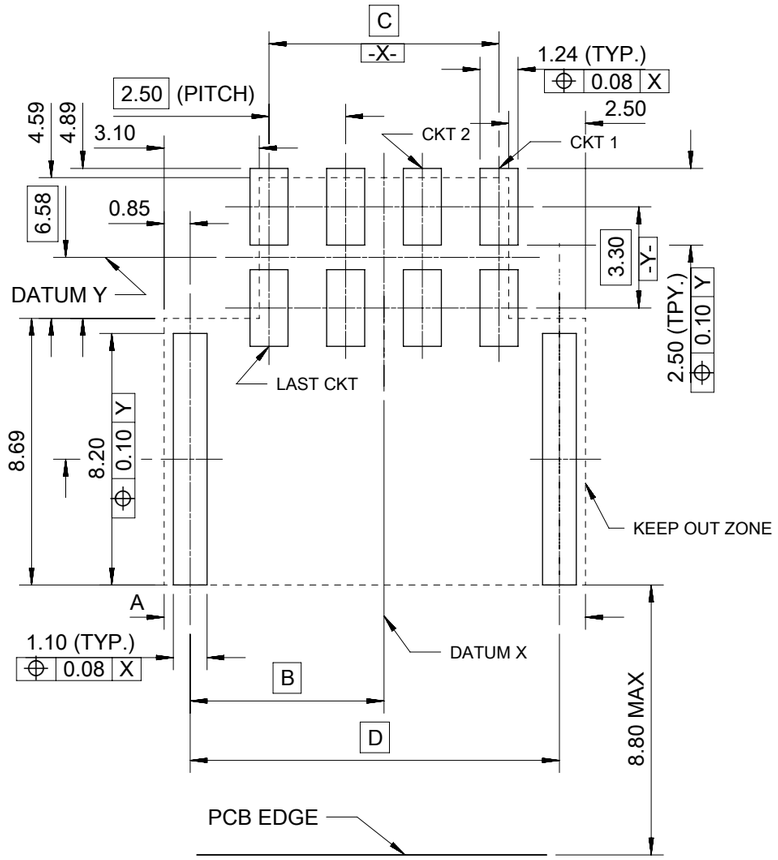
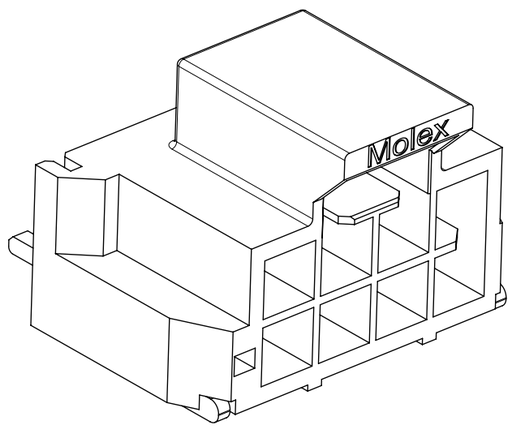






RECOMMENDED PCB LAYOUT (CONNECTOR SIDE VIEW)
THICKNESS=1.6mm MIN. TOLERANCE: ±0.05



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EC NO:	625587	2019/10/14
DRWN:	GLLI	2019/10/15
CHK'D:	YXZHENG	2019/10/15
APPR:	YXZHENG	

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ±	3.0 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.2
1 PLACE	± 0.3
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

REV: A

DIMENSION UNITS	mm
SCALE	5:1
DRWN BY	GLLI
DATE	2019/10/14
CHK'D BY	
DATE	
APPR BY	YXZHENG
DATE	2019/10/15
DRAWING SIZE	A3
	THIRD ANGLE PROJECTION

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SD DRAWING FOR NANO-FIT SMT HEADER POWER CONNECTOR

PRODUCT CUSTOMER DRAWING

SERIES	MATERIAL NUMBER	CUSTOMER
105405	SEE CHART IN SHEET 2	GENERAL MARKET

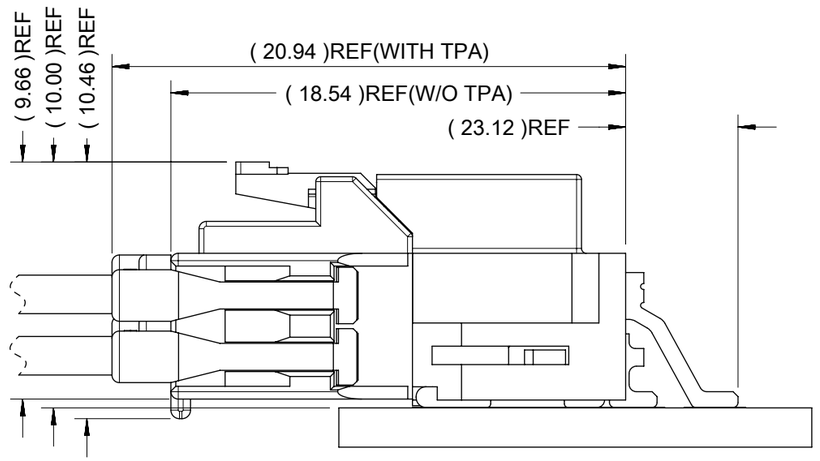
DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
1054059000-SD	PSD	000	1 OF 3

RELEASE STATUS	P1	RELEASE DATE	2019/10/15 06:04:48

FORMAT: master-tb-prod-A3
REVISION: G
DATE: 2015/12/14

PART NUMBER	DIM. A	DIM. B	DIM. C	DIM. D	CKT SIZE	PLATING	LUBE
105405-9104	8.74	3.82	2.50	7.04	4	TIN	NO
105405-9106	11.24	5.07	5.00	9.54	6		
105405-9108	13.74	6.32	7.50	12.04	8		
105405-9110	16.24	7.57	10.00	14.54	10		
105405-9112	18.74	8.82	12.50	17.04	12		
105405-9114	21.24	10.07	15.00	19.54	14		
105405-9116	23.74	11.32	17.50	22.04	16		
105405-9204	8.74	3.82	2.50	7.04	4	GOLD 0.38	
105405-9206	11.24	5.07	5.00	9.54	6		
105405-9208	13.74	6.32	7.50	12.04	8		
105405-9210	16.24	7.57	10.00	14.54	10		
105405-9212	18.74	8.82	12.50	17.04	12		
105405-9214	21.24	10.07	15.00	19.54	14		
105405-9216	23.74	11.32	17.50	22.04	16		
105405-9304	8.74	3.82	2.50	7.04	4	GOLD 0.76	
105405-9306	11.24	5.07	5.00	9.54	6		
105405-9308	13.74	6.32	7.50	12.04	8		
105405-9310	16.24	7.57	10.00	14.54	10		
105405-9312	18.74	8.82	12.50	17.04	12		
105405-9314	21.24	10.07	15.00	19.54	14		
105405-9316	23.74	11.32	17.50	22.04	16		
105405-9404	8.74	3.82	2.50	7.04	4	GOLD 0.76	YES
105405-9406	11.24	5.07	5.00	9.54	6		
105405-9408	13.74	6.32	7.50	12.04	8		
105405-9410	16.24	7.57	10.00	14.54	10		
105405-9412	18.74	8.82	12.50	17.04	12		
105405-9414	21.24	10.07	15.00	19.54	14		
105405-9416	23.74	11.32	17.50	22.04	16		

COLOR: BLACK



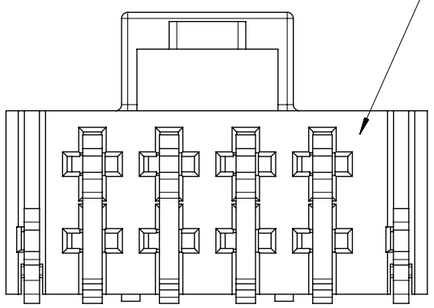
PART NUMBER	PACKING DRAWING
105405-XX04	PK-105405-001
105405-XX06	PK-105405-002
105405-XX08	PK-105405-003
105405-XX10	
105405-XX12	PK-105405-004
105405-XX14	
105405-XX16	

PART NUMBER	DIM. A	DIM. B	DIM. C	DIM. D	CKT SIZE	PLATING	LUBE
105405-9504	8.74	3.82	2.50	7.04	4	TIN	NO
105405-9506	11.24	5.07	5.00	9.54	6		
105405-9508	13.74	6.32	7.50	12.04	8		
105405-9510	16.24	7.57	10.00	14.54	10		
105405-9512	18.74	8.82	12.50	17.04	12		
105405-9514	21.24	10.07	15.00	19.54	14		
105405-9516	23.74	11.32	17.50	22.04	16		
105405-9604	8.74	3.82	2.50	7.04	4	GOLD 0.38	
105405-9606	11.24	5.07	5.00	9.54	6		
105405-9608	13.74	6.32	7.50	12.04	8		
105405-9610	16.24	7.57	10.00	14.54	10		
105405-9612	18.74	8.82	12.50	17.04	12		
105405-9614	21.24	10.07	15.00	19.54	14		
105405-9616	23.74	11.32	17.50	22.04	16		
105405-9704	8.74	3.82	2.50	7.04	4	GOLD 0.76	
105405-9706	11.24	5.07	5.00	9.54	6		
105405-9708	13.74	6.32	7.50	12.04	8		
105405-9710	16.24	7.57	10.00	14.54	10		
105405-9712	18.74	8.82	12.50	17.04	12		
105405-9714	21.24	10.07	15.00	19.54	14		
105405-9716	23.74	11.32	17.50	22.04	16		
105405-9804	8.74	3.82	2.50	7.04	4	GOLD 0.76	YES
105405-9806	11.24	5.07	5.00	9.54	6		
105405-9808	13.74	6.32	7.50	12.04	8		
105405-9810	16.24	7.57	10.00	14.54	10		
105405-9812	18.74	8.82	12.50	17.04	12		
105405-9814	21.24	10.07	15.00	19.54	14		
105405-9816	23.74	11.32	17.50	22.04	16		

COLOR: NATURAL

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 0.76 MICRONS MIN; b. GOLD 0.38 MICRONS MIN; c. GOLD 0.76 MICRONS MIN.
SOLDER AREA: TIN 0.76 MICRONS MINIMUM.
UNDER PALTING NICKEL 1.25 MICRONS MINIMUM.
SOLDER CLIP: TIN 2.5 MICRONS MINIMUM; UNDER PLATING NICKEL 1.25 MICRONS MINIMUM.
3> PRODUCT SPECIFICATION: PS-105405-001.
4> PACKAGE: REEL, OTHER INFORMATION REFER TO CHAT.
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 TERMIANL).
7> PARTS CONFORM TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.



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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EC NO: 625587 2019/10/14
DRWN: GLLI 2019/10/15
CHK'D: YXZHENG 2019/10/15
APPR: YXZHENG

GENERAL TOLERANCES (UNLESS SPECIFIED)
ANGULAR TOL ± 3.0 °
4 PLACES ±
3 PLACES ±
2 PLACES ± 0.2
1 PLACE ± 0.3
0 PLACES ±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

REV: A

DIMENSION UNITS: mm
SCALE: 5:1
DRWN BY: GLLI DATE: 2019/10/14
CHK'D BY: DATE:
APPR BY: YXZHENG DATE: 2019/10/15
DRAWING SIZE: A3
THIRD ANGLE PROJECTION

molex®

SD DRAWING FOR NANO-FIT SMT HEADER POWER CONNECTOR

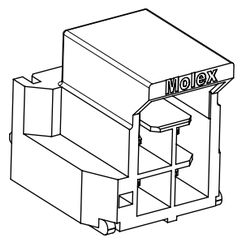
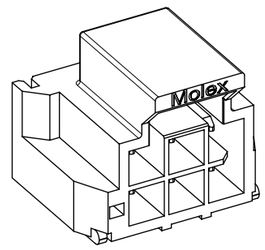
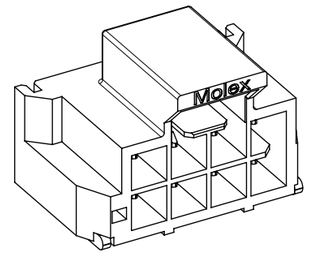
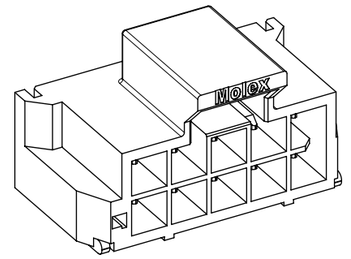
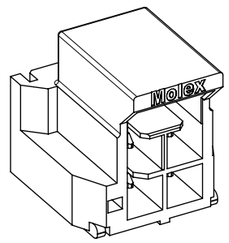
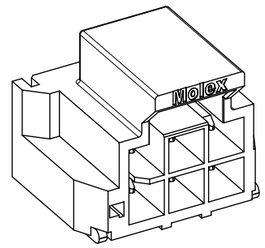
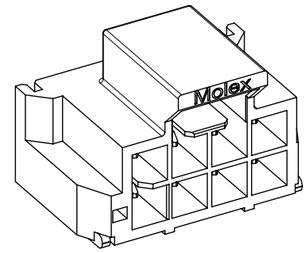
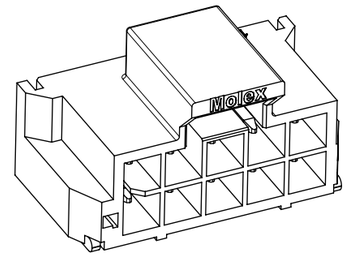
PRODUCT CUSTOMER DRAWING

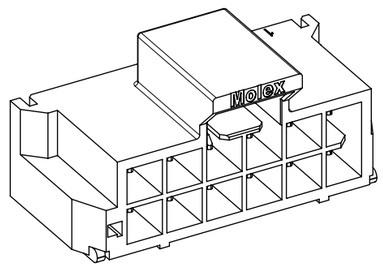
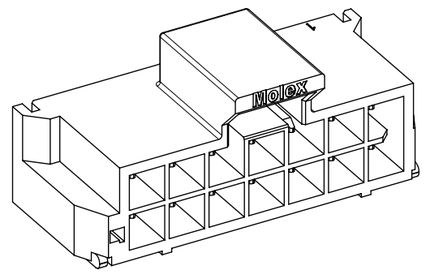
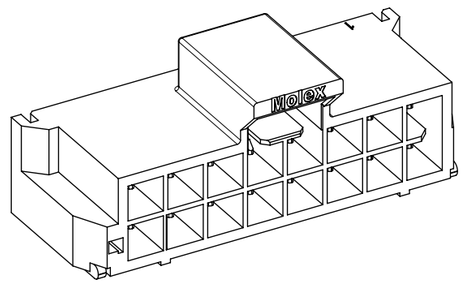
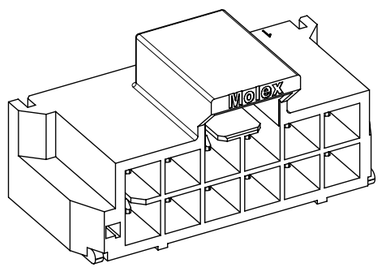
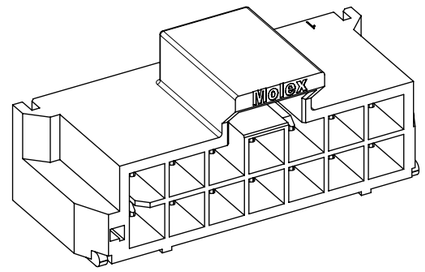
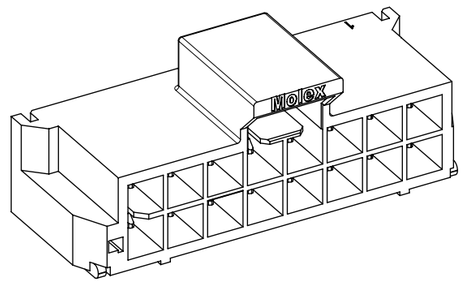
SERIES	MATERIAL NUMBER	CUSTOMER
105405	SEE CHART	GENERAL MARKET

DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
1054059000-SD	PSD	000	2 OF 3

RELEASE STATUS	P1	RELEASE DATE	2019/10/15 06:04:48

FORMAT: master-tb-prod-A3
REVISION: G
DATE: 2015/12/14

	4 CKT	6 CKT	8 CKT	10 CKT
BLACK				
NATURAL				

	12 CKT	14 CKT	16 CKT
BLACK			
NATURAL			

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EC NO: 625587 2019/10/14
DRWN: GLLI 2019/10/15
CHK'D: YXZHENG 2019/10/15
APPR: YXZHENG

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± 3.0 °

4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.2
1 PLACE	±	0.3
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

REV: A

DIMENSION UNITS: mm
SCALE: 3:1
DRWN BY: GLLI DATE: 2019/10/14
CHK'D BY: DATE:
APPR BY: YXZHENG DATE: 2019/10/15
DRAWING SIZE: A3
THIRD ANGLE PROJECTION

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SD DRAWING FOR NANO-FIT SMT HEADER POWER CONNECTOR

PRODUCT CUSTOMER DRAWING

SERIES	MATERIAL NUMBER	CUSTOMER
105405	SEE CHART IN SHEET 2	GENERAL MARKET

DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
1054059000-SD	PSD	000	3 OF 3

RELEASE STATUS | P1 | RELEASE DATE | 2019/10/15 06:04:48

FORMAT: master-tb-prod-A3
REVISION: G
DATE: 2015/12/14

Unikeyic Electronics

Global Electronic Components Distributor

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

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190990010 430450225 436803002 0436802002 151660057 152660117 152670269 190990009
447641402 447691602 459705185 152670251 447642001 0190690033 0190700155 190690096
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