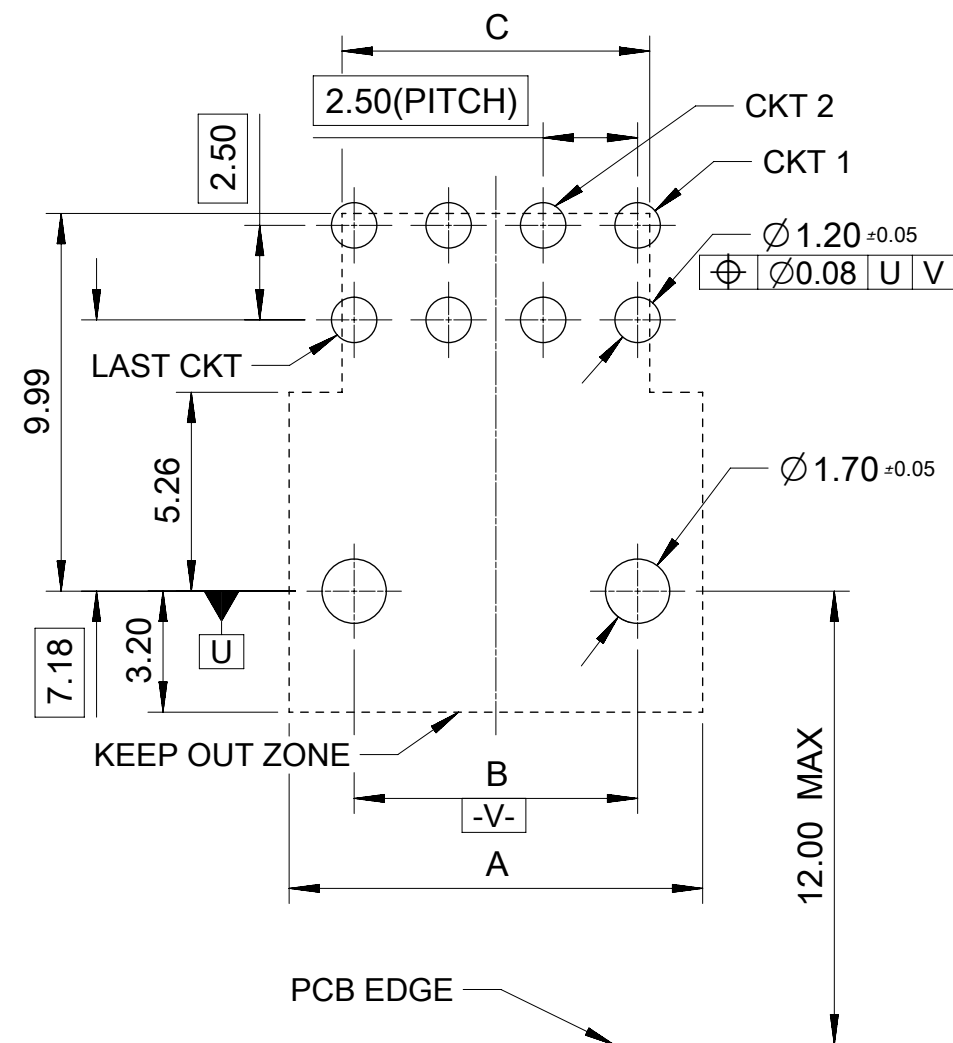
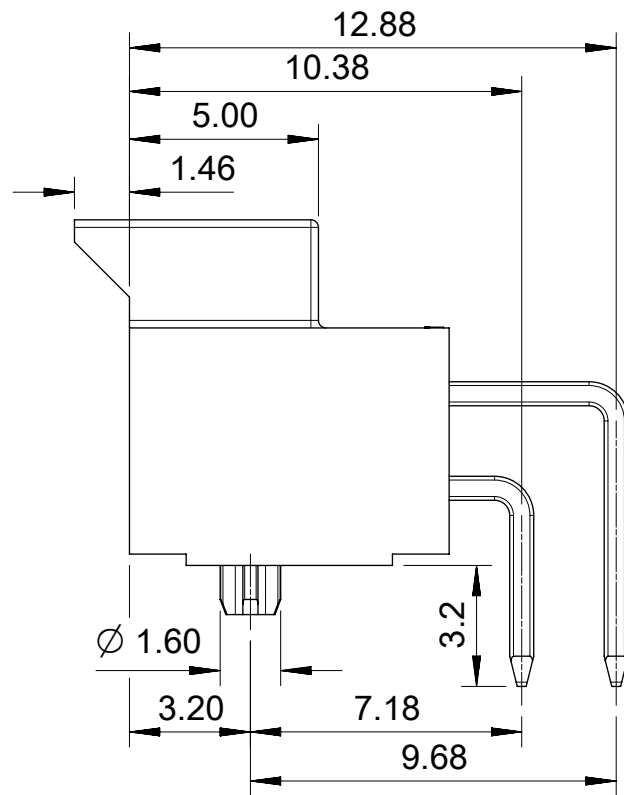
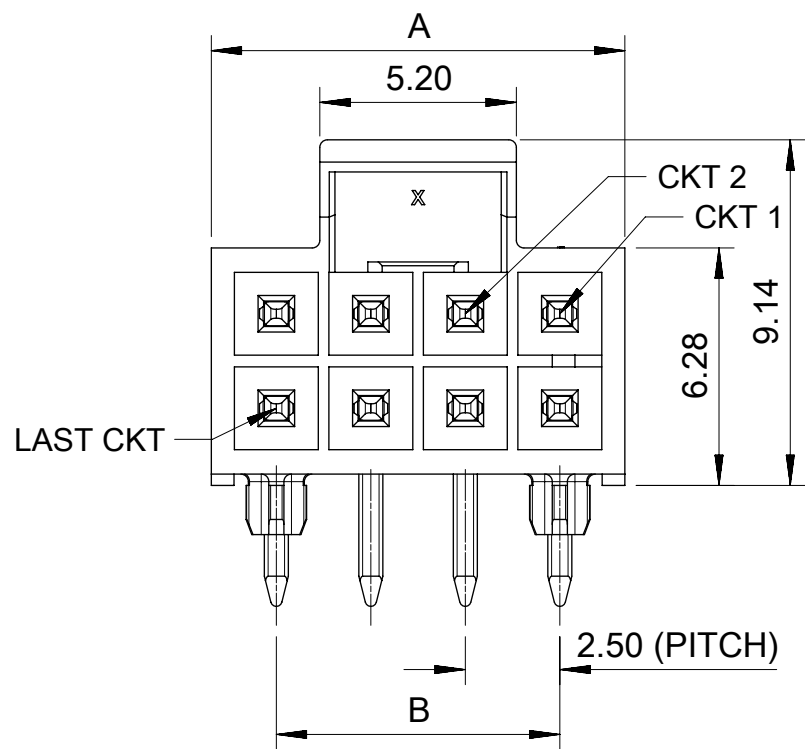
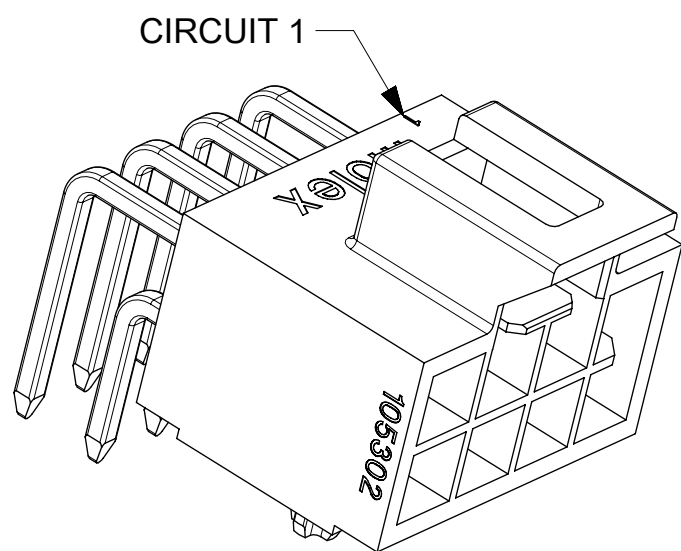
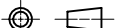


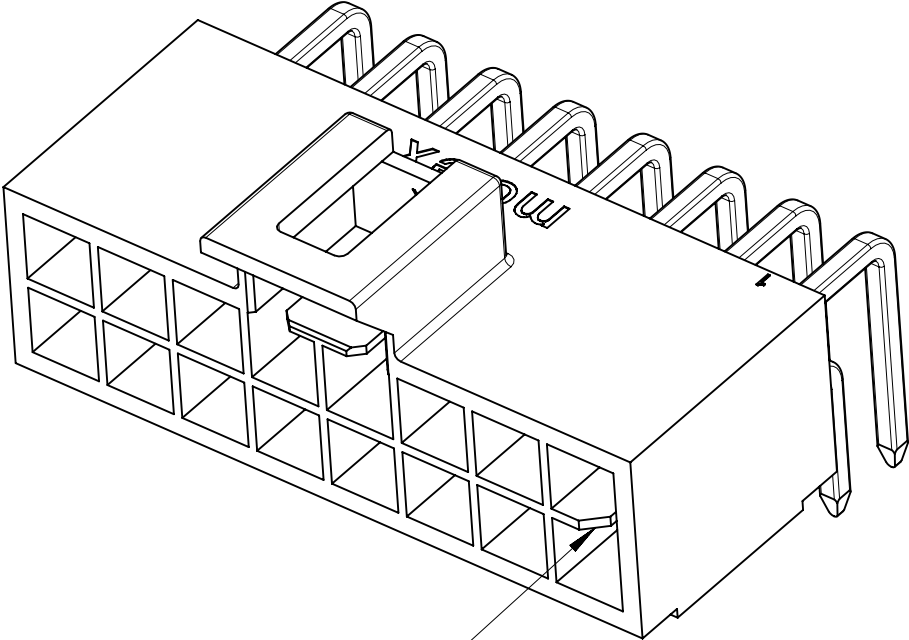


RECOMMENDED PCB(CONNECTOR SIDE VIEW)
THICKNESS=1.6 TO 2.4 MM.

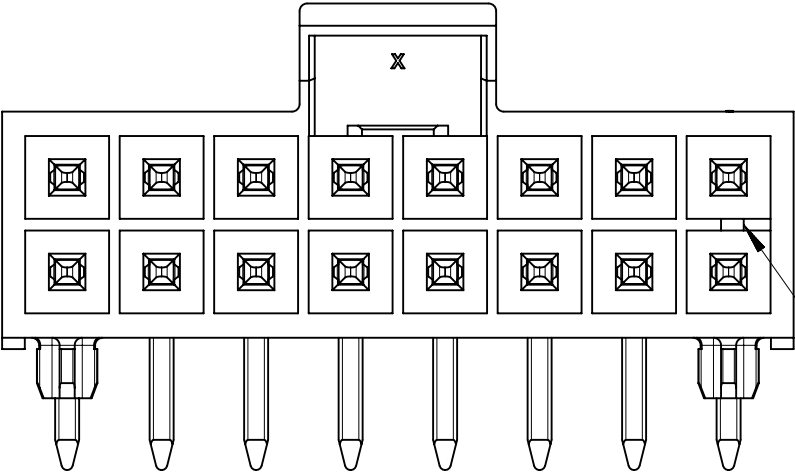


OPTION 1: LATCH FLUSH WITH PCB EDGE.
OPTION 2: HOUSING BODY FLUSH WITH PCB EDGE.

FUNCTIONAL SYMBOLS	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			
$\nabla_A = 0$	mm		5:1								
$\nabla_C = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)			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				HEADER OF NANO-FIT, D/R, R/A POWER CONNECTOR			
$\nabla_E = 0$	ANGULAR TOL ± 3.0°										
DIVISIONAL SYMBOLS	4 PLACES		±					PRODUCT CUSTOMER DRAWING			
	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	DOCUMENT NUMBER	
					A3-SIZE	105314	1053141000-SD		PSD	000	B
							MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
									GENERAL MARKET		1 OF 5

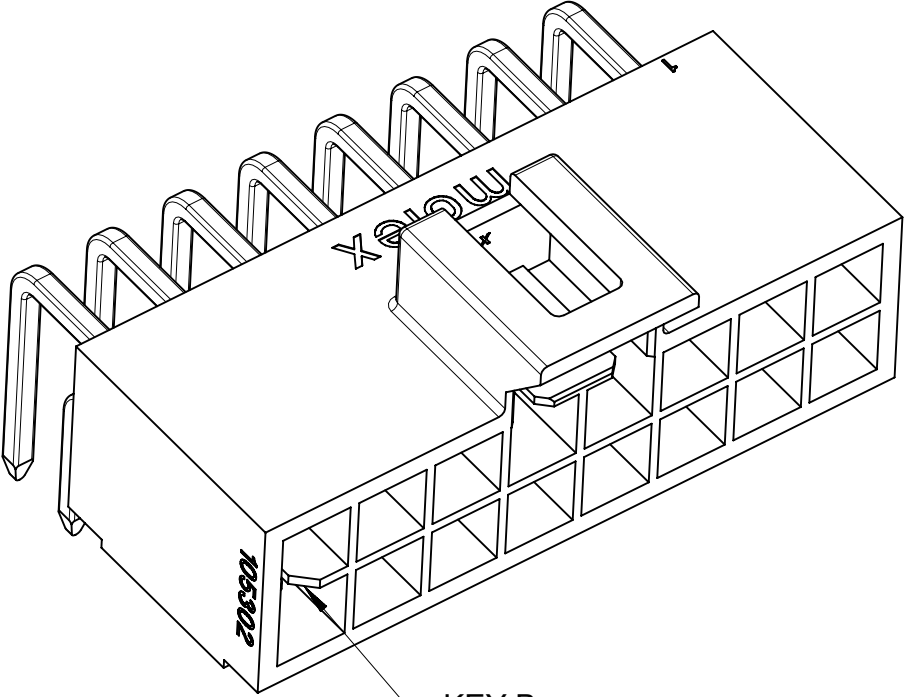


KEY A

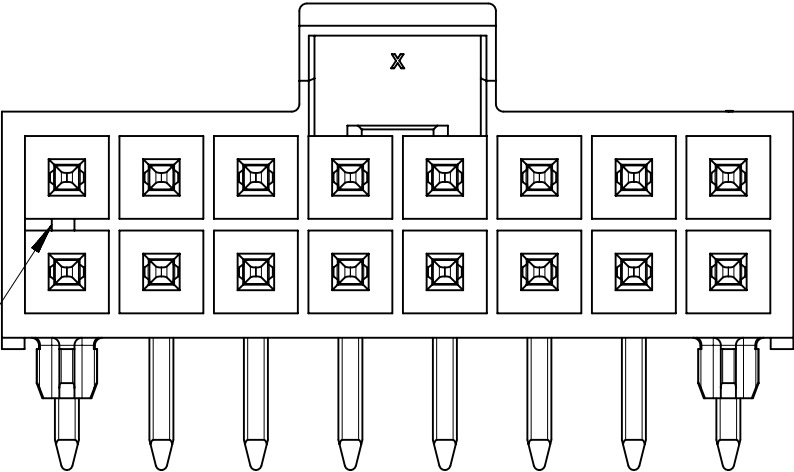


KEY A

BLACK



KEY B



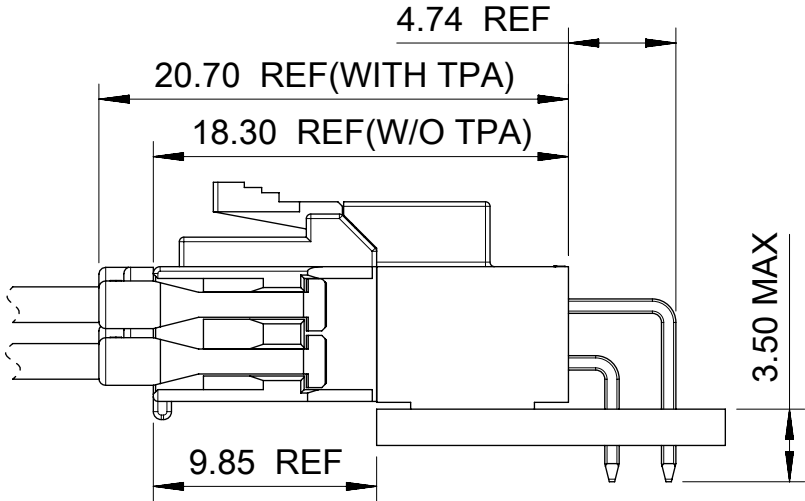
KEY B

NATURAL

COLOR OPTION

FUNCTIONAL SYMBOLS	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: 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										
	mm		5:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
ANGULAR TOL ± 3.0 °															
DIVISIONAL SYMBOLS	4 PLACES		±		PRODUCT CUSTOMER DRAWING										
	3 PLACES		± 0.1												
	2 PLACES		± 0.2												
	1 PLACE		± 0.3		DOCUMENT NUMBER 1053141000-SD										
	0 PLACES		±								DOC TYPE PSD		DOC PART 000		REVISION B
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING A3-SIZE		SERIES 105314		MATERIAL NUMBER		CUSTOMER GENERAL MARKET		SHEET NUMBER 2 OF 5	

10	9		8		
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	GOLD 0.38
105314-1704	5.94	2.50	3.14	4	
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	GOLD 0.76
105314-1716	20.94	17.50	18.14	16	
105314-1604	5.94	2.50	3.14	4	
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	GOLD 0.76 + LUBE
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	
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	C
105314-1814	18.44	15.00	15.64	14	
105314-1816	20.94	17.50	18.14	16	
COLOR: BLACK					



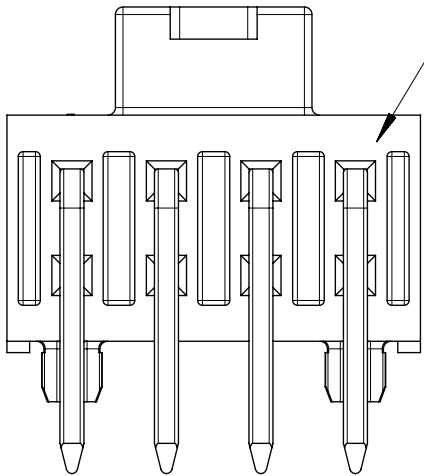
	3		2		1
PART NUMBER	DIM 'A'	DIM 'B'	DIM 'C'	CKT SIZE	PLATING
105314-2504	5.94	2.50	3.14	4	TIN
105314-2506	8.44	5.00	5.64	6	
105314-2508	10.94	7.50	8.14	8	
105314-2510	13.44	10.00	10.64	10	
105314-2512	15.94	12.50	13.14	12	
105314-2514	18.44	15.00	15.64	14	
105314-2516	20.94	17.50	18.14	16	
105314-2704	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 FE= 0 FE= 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	
DIVISIONAL SYMBOLS	2 PLACES ± 0.2	
	1 PLACE ± 0.3	
	0 PLACES ±	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
	THIRD ANGLE PROJECTION	
	DRAWING	SERIES
	A3-SIZE	105314
CURRENT REV DESC:		
EC NO: 638342 DRWN: GLLI CHK'D: YXZHENG APPR: YXZHENG		
2020/05/27 2020/06/03 2020/06/03		
INITIAL REVISION: DRWN: GLLI APPR: YXZHENG		
2019/06/12 2020/03/16		
DOCUMENT NUMBER		
1053141000-SD		
DOC TYPE		
PSD		
DOC PART		
000		
REVISION		
B		
MATERIAL NUMBER		
CUSTOMER		
GENERAL MARKET		
SHEET NUMBER		
3 OF 5		

	10	9	8	7	6	5	4	3	2	1
F										F
E										E
D										D
C										C
B										B
A										A

FUNCTIONAL SYMBOLS FA = 0 FE = 0 FE = 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		CURRENT REV DESC:						
	mm		3:1								
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 638342 DRWN: GLLI CHK'D: YXZHENG APPR: YXZHENG INITIAL REVISION: DRWN: GLLI APPR: YXZHENG						
	ANGULAR TOL ± 3.0°										
	4 PLACES		±								
	3 PLACES		± 0.1								
	2 PLACES		± 0.2								
	1 PLACE		± 0.3		2020/05/27 2020/06/03 2020/06/03						
	0 PLACES		±		2019/06/12 2020/03/16						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER	
				A3-SIZE		105314		1053141000-SD		PSD 000 B	
								MATERIAL NUMBER		CUSTOMER	
								GENERAL MARKET		SHEET NUMBER	
										4 OF 5	

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.

FUNCTIONAL 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
DIVISIONAL SYMBOLS	2 PLACES	± 0.2
	1 PLACE	± 0.3
	0 PLACES	±
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION
	DRAWING	SERIES
	A3-SIZE	105314
	MATERIAL NUMBER	CUSTOMER
1053141000-SD		GENERAL MARKET
DOCUMENT NUMBER		SHEET NUMBER
1053141000-SD		5 OF 5

molex

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

PRODUCT CUSTOMER DRAWING

