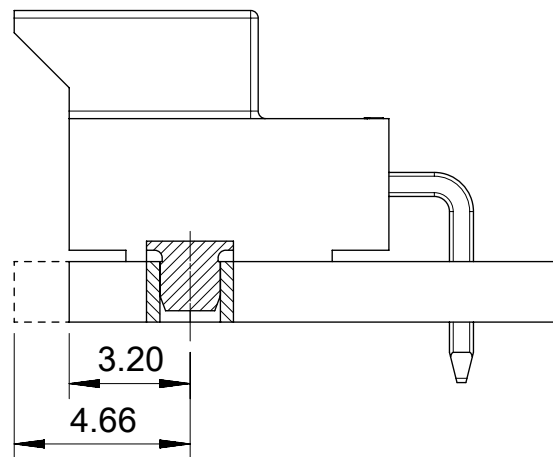
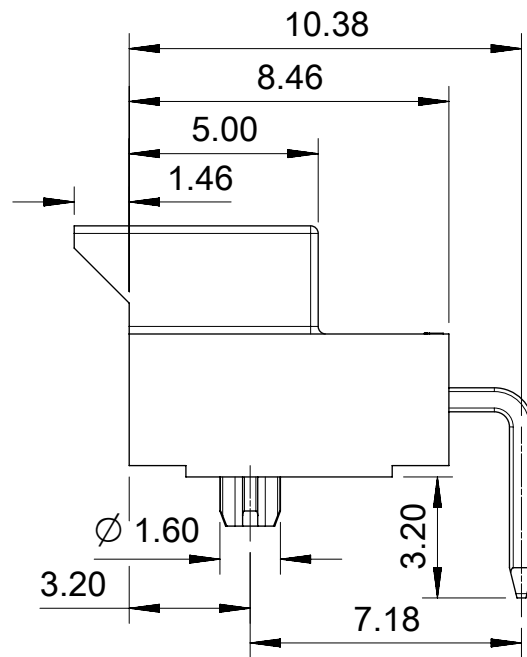
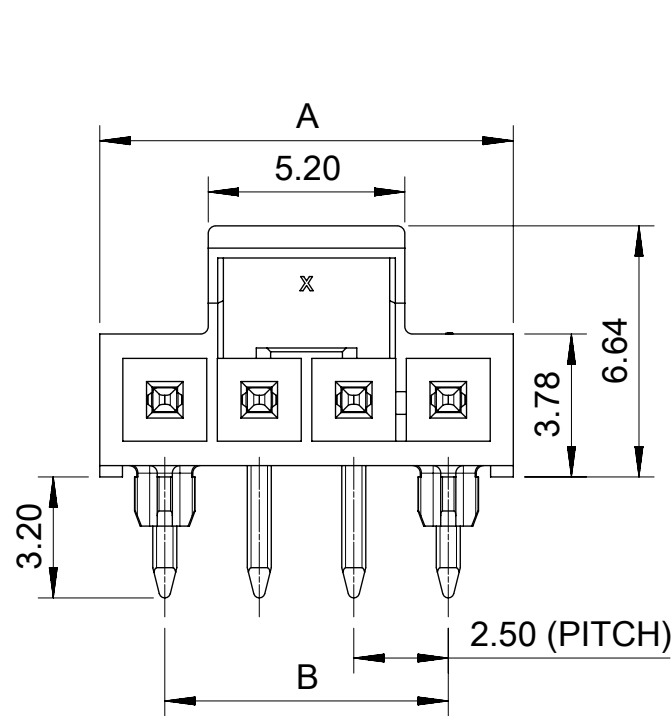
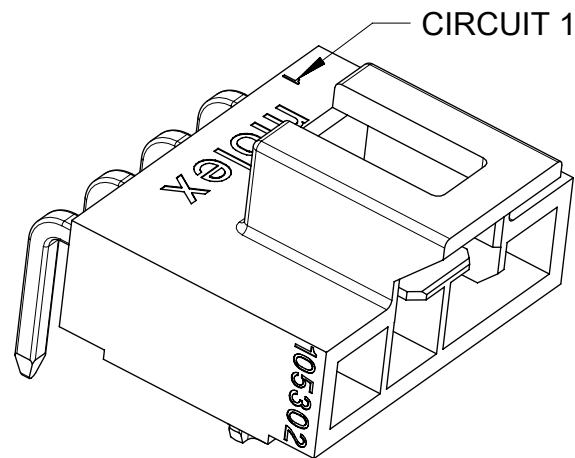
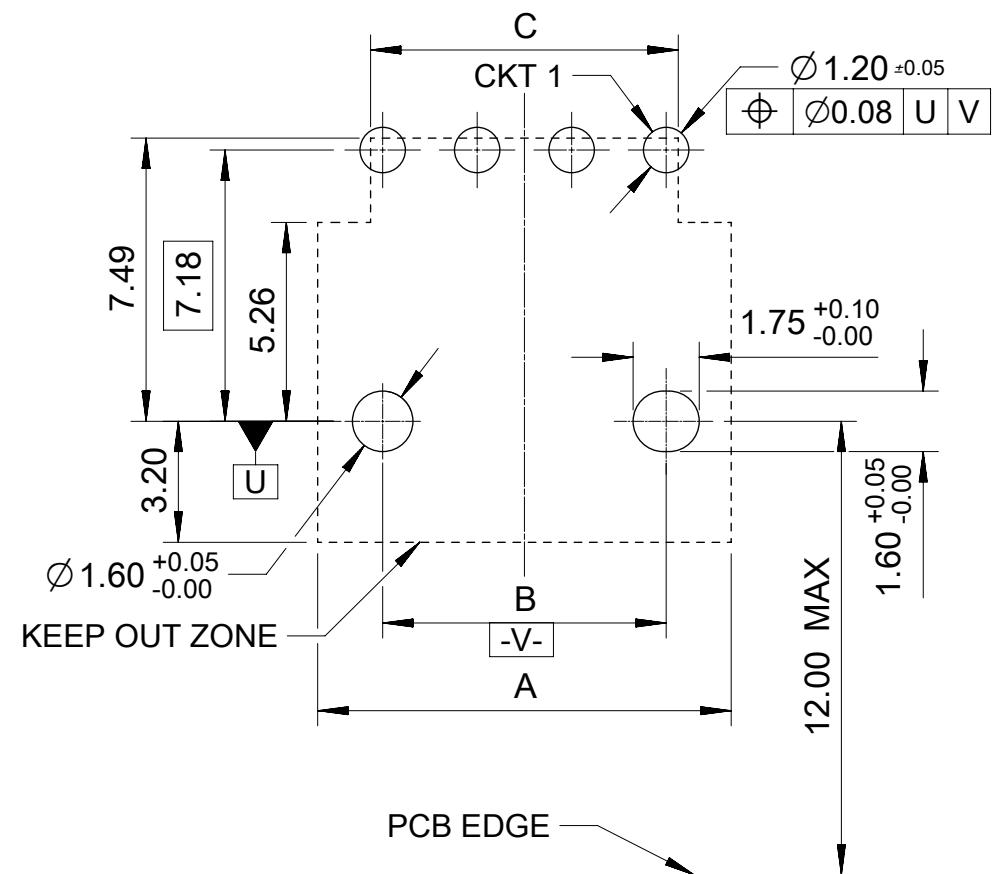
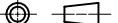




OPTION 1: LATCH FLUSH WITH PCB EDGE.
OPTION 2: HOUSING BODY FLUSH WITH PCB EDGE.

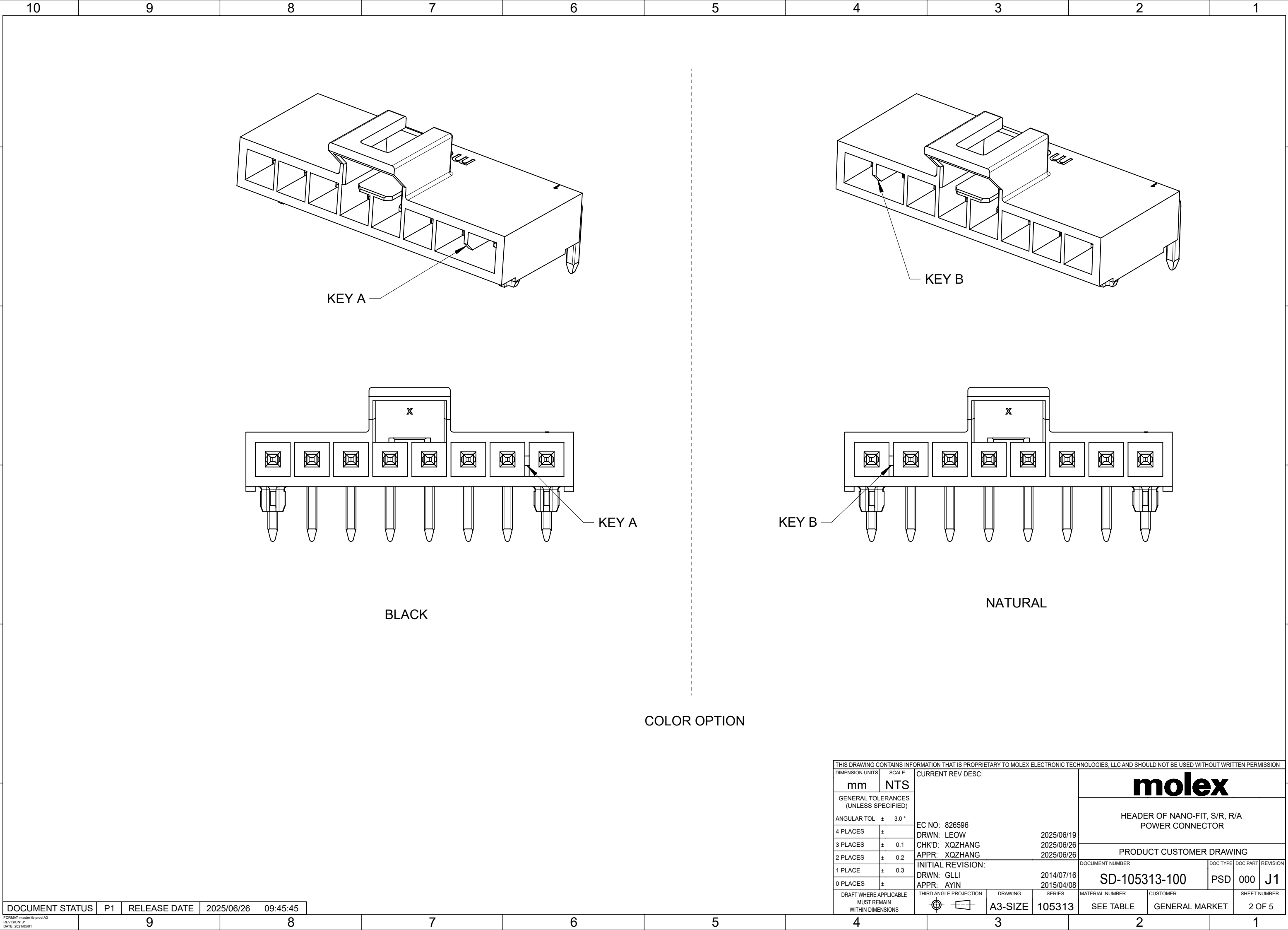


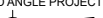
RECOMMENDED PCB(CONNECTOR SIDE VIEW)
THICKNESS=1.6 TO 2.4 MM.

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									
mm		NTS															
GENERAL TOLERANCES (UNLESS SPECIFIED)				HEADER OF NANO-FIT, S/R, R/A POWER CONNECTOR													
ANGULAR TOL ± 3.0 °																	
4 PLACES		±															
3 PLACES		± 0.1															
2 PLACES		± 0.2															
1 PLACE		± 0.3		PRODUCT CUSTOMER DRAWING													
0 PLACES		±															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
						A3-SIZE		105313		SD-105313-100		PSD		000		J1	
						SEE TABLE		GENERAL MARKET		1 OF 5							

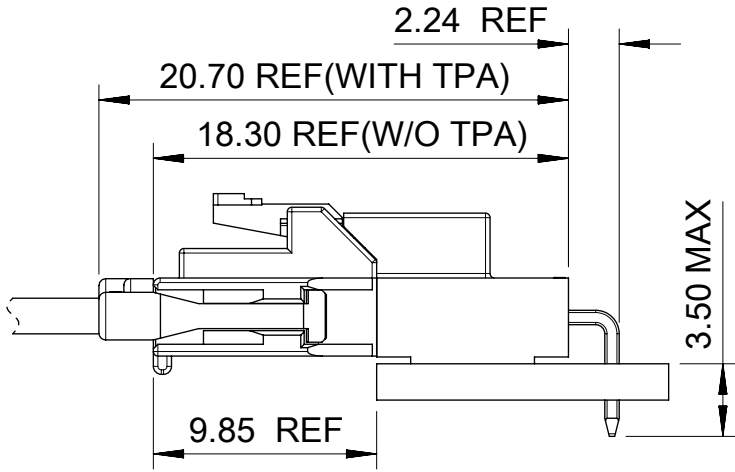
DOCUMENT STATUS	P1	RELEASE DATE	2025/06/26	09:45:45
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FORMAT: master-b-prod-A3
REVISION: J1
DATE: 2021/05/01



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DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex	
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)								HEADER OF NANO-FIT, S/R, R/A POWER CONNECTOR	
ANGULAR TOL ± 3.0°									
4 PLACES		±		EC NO: 826596		PRODUCT CUSTOMER DRAWING			
3 PLACES		± 0.1		DRWN: LEOW 2025/06/19					
2 PLACES		± 0.2		CHK'D: XQZHANG 2025/06/26					
1 PLACE		± 0.3		APPR: XQZHANG 2025/06/26		DOCUMENT NUMBER SD-105313-100			
0 PLACES		±		INITIAL REVISION:					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRWN: GLLI 2014/07/16		DOC PART 000		REVISION J1	
				APPR: AYIN 2015/04/08		SHEET NUMBER			
				THIRD ANGLE PROJECTION		DRAWING			
		A3-SIZE		105313		SEE TABLE		GENERAL MARKET	
								2 OF 5	

10	9			8		7		
PART NUMBER	DIM 'A'	DIM 'B'	DIM 'C'	CKT SIZE	PLATING	LUBE		
105313-1102	5.94	2.50	3.14	2	TIN			
105313-1103	8.44	5.00	5.64	3				
105313-1104	10.94	7.50	8.14	4				
105313-1105	13.44	10.00	10.64	5				
105313-1106	15.94	12.50	13.14	6				
105313-1107	18.44	15.00	15.64	7				
105313-1108	20.94	17.50	18.14	8				
105313-1202	5.94	2.50	3.14	2	GOLD 0.38	NO		
105313-1203	8.44	5.00	5.64	3				
105313-1204	10.94	7.50	8.14	4				
105313-1205	13.44	10.00	10.64	5				
105313-1206	15.94	12.50	13.14	6				
105313-1207	18.44	15.00	15.64	7				
105313-1208	20.94	17.50	18.14	8				
105313-1302	5.94	2.50	3.14	2	GOLD 0.76			
105313-1303	8.44	5.00	5.64	3				
105313-1304	10.94	7.50	8.14	4				
105313-1305	13.44	10.00	10.64	5				
105313-1306	15.94	12.50	13.14	6				
105313-1307	18.44	15.00	15.64	7				
105313-1308	20.94	17.50	18.14	8				
105313-1402	5.94	2.50	3.14	2	GOLD 0.76	YES		
105313-1403	8.44	5.00	5.64	3				
105313-1404	10.94	7.50	8.14	4				
105313-1405	13.44	10.00	10.64	5				
105313-1406	15.94	12.50	13.14	6				
105313-1407	18.44	15.00	15.64	7				
105313-1408	20.94	17.50	18.14	8				
COLOR: BLACK								



105313- * * * *

CIRCUIT SIZE
PLATING OPTION
1 - TIN
2 - GOLD 0.38
3 - GOLD 0.76
4 - GOLD AND LUBE
COLOR OPTION
1 - BLACK
2 - NATURAL

4	3			2		1	
PART NUMBER	DIM 'A'	DIM 'B'	DIM 'C'	CKT SIZE	PLATING	LUBE	
105313-2102	5.94	2.50	3.14	2	TIN	NO	
105313-2103	8.44	5.00	5.64	3			
105313-2104	10.94	7.50	8.14	4			
105313-2105	13.44	10.00	10.64	5			
105313-2106	15.94	12.50	13.14	6			
105313-2107	18.44	15.00	15.64	7			
105313-2108	20.94	17.50	18.14	8			
105313-2202	5.94	2.50	3.14	2			
105313-2203	8.44	5.00	5.64	3	GOLD 0.38		
105313-2204	10.94	7.50	8.14	4			
105313-2205	13.44	10.00	10.64	5			
105313-2206	15.94	12.50	13.14	6			
105313-2207	18.44	15.00	15.64	7			
105313-2208	20.94	17.50	18.14	8			
105313-2302	5.94	2.50	3.14	2			GOLD 0.76
105313-2303	8.44	5.00	5.64	3			
105313-2304	10.94	7.50	8.14	4			
105313-2305	13.44	10.00	10.64	5			
105313-2306	15.94	12.50	13.14	6			
105313-2307	18.44	15.00	15.64	7			
105313-2308	20.94	17.50	18.14	8			
105313-2402	5.94	2.50	3.14	2	GOLD 0.76		
105313-2403	8.44	5.00	5.64	3			
105313-2404	10.94	7.50	8.14	4			
105313-2405	13.44	10.00	10.64	5			
105313-2406	15.94	12.50	13.14	6			
105313-2407	18.44	15.00	15.64	7			
105313-2408	20.94	17.50	18.14	8			
COLOR: NATURAL							

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DIMENSION UNITS

mm

SCALE

NTS

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: 826596
DRWN: LEOW
CHK'D: XQZHANG
APPR: XQZHANG

INITIAL REVISION:
DRWN: GLLI
APPR: AYIN

THIRD ANGLE PROJECTION

DRAWING
A3-SIZE

SERIES
105313

MATERIAL NUMBER
SEE TABLE

CUSTOMER
GENERAL MARKET

SHEET NUMBER
3 OF 5

SD-105313-100

PSD000J1

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

DOC TYPE

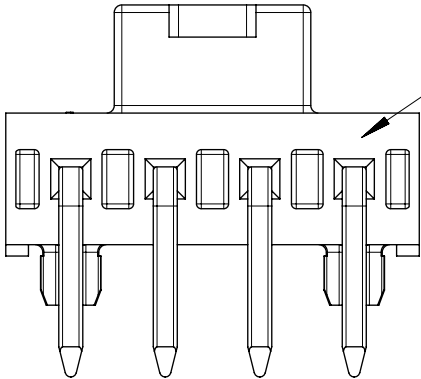
DOC PART

REVISION

[illegible]

NOTES FOR ALL PARTS

1> MATERIAL: HOUSING: LCP, UL 94V-0; TERMINAL: BRASS.	3> PRODUCT SPECIFICATION: PS-105300-100.
2> PLATING FINISHED: TERMINAL: CONTACT AREA: a. REFLOWED MATTE TIN 1.5MICRONS MIN; b. GOLD 0.38 MICRONS MIN; c. GOLD 0.76 MICRONS MIN.	4> PACKAGE: TRAY, PK-105309-400.
SOLDER AREA: TIN 1.5 MICRONS MIN, UNDER PLATING NICKEL 1.25 MICRONS MIN.	5> PRODUCT MATE WITH SERIES OF 105307 AND 226354(RECEPTACLE).
SOLDER CLIP: TIN 2.5 MICRONS MIN, UNDER PLATING NICKEL 1.25 MICRONS MIN.	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.

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DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex						
mm		NTS												
GENERAL TOLERANCES (UNLESS SPECIFIED)								HEADER OF NANO-FIT, S/R, R/A POWER CONNECTOR						
ANGULAR TOL ± 3.0 °														
4 PLACES		±		EC NO: 826596										
3 PLACES		± 0.1		DRWN: LEOW 2025/06/19				PRODUCT CUSTOMER DRAWING						
2 PLACES		± 0.2		CHK'D: XQZHANG 2025/06/26										
1 PLACE		± 0.3		APPR: XQZHANG 2025/06/26										
0 PLACES		±		INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION		
				DRWN: GLLI 2014/07/16				SD-105313-100		PSD	000	J1		
				APPR: AYIN 2015/04/08										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER			SHEET NUMBER	
						A3-SIZE	105313	SEE TABLE		GENERAL MARKET			5 OF 5	