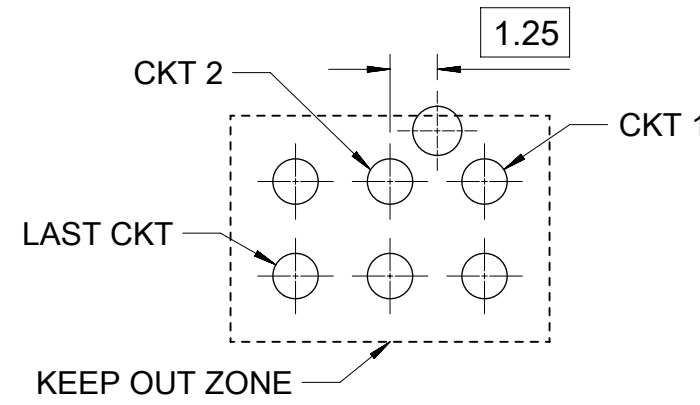
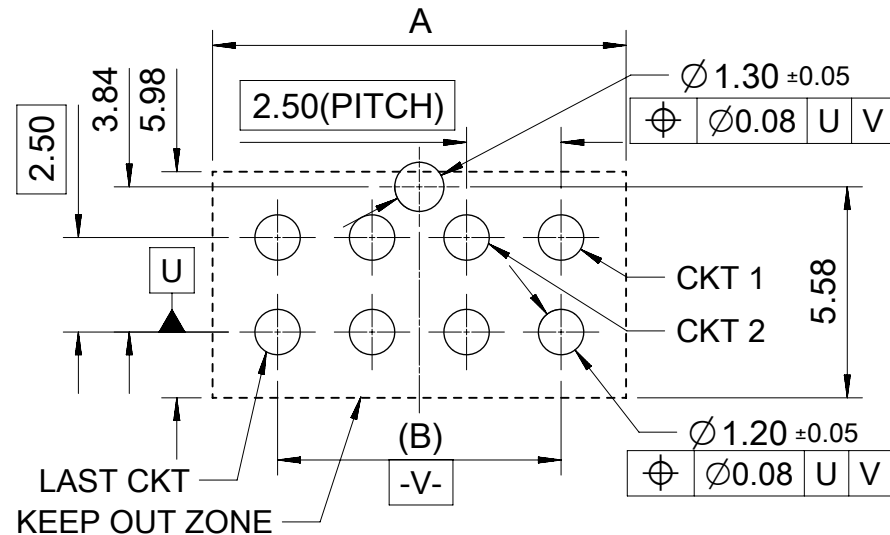
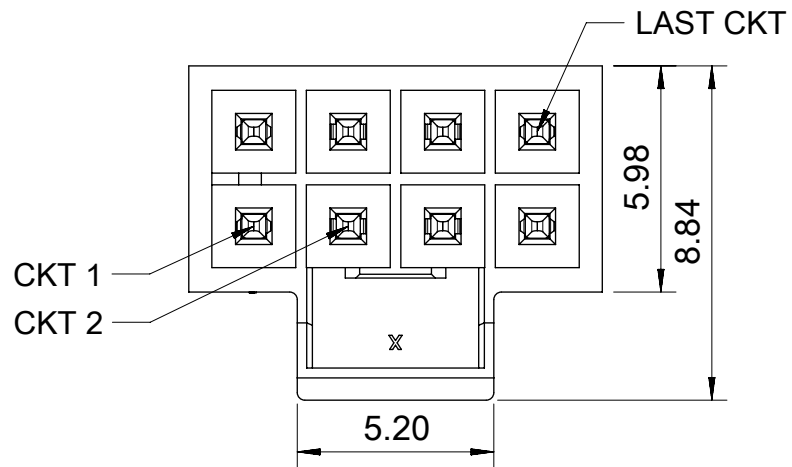
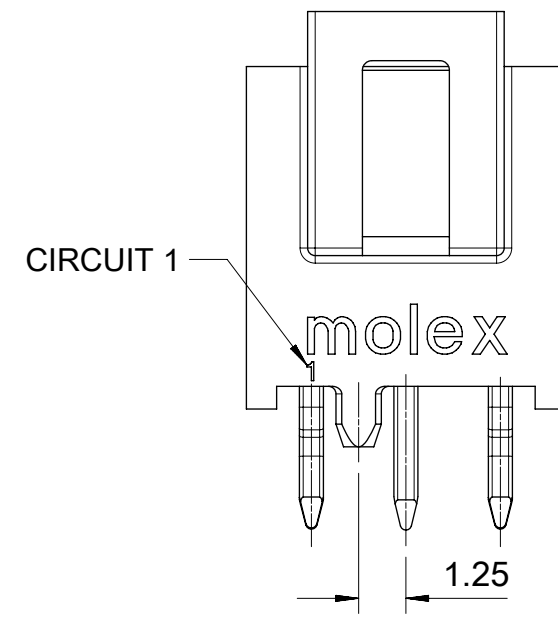
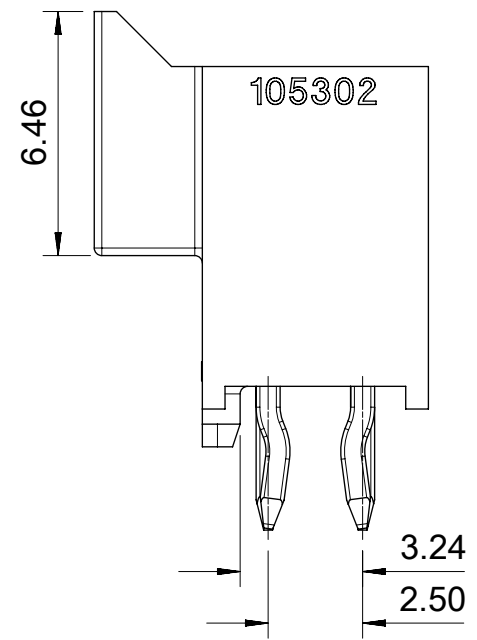
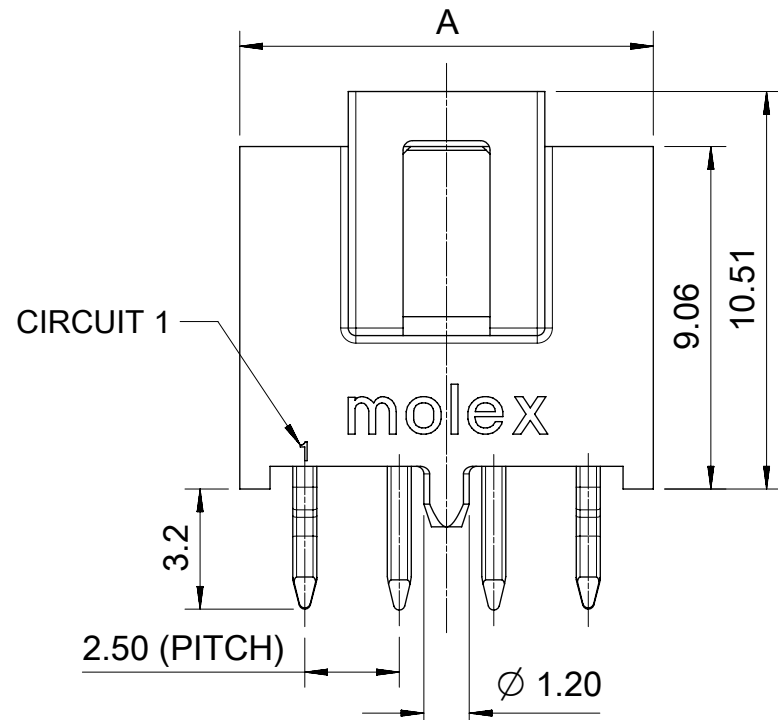
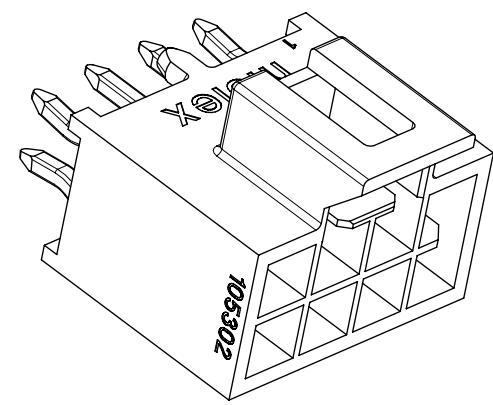


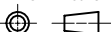


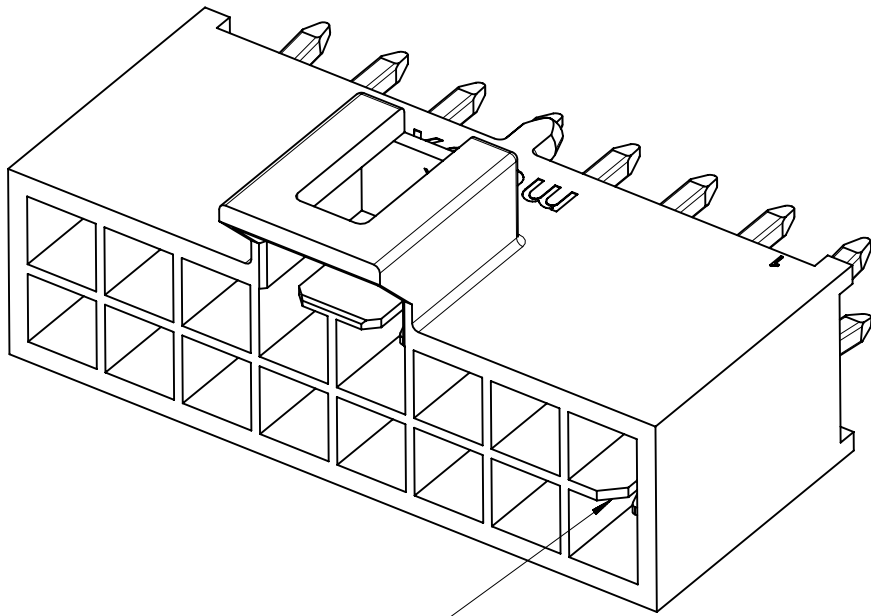
RECOMMENDED PCB(CONNECTOR SIDE VIEW)
THICKNESS=1.6 TO 2.4 MM



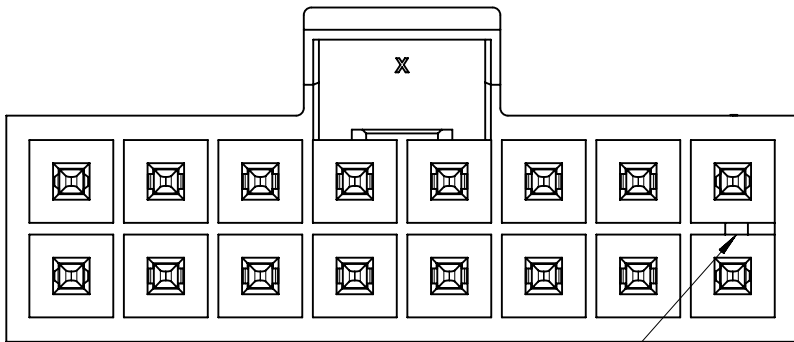
ONLY FOR CKT 6, 10, 14
OTHER DIMENSIONS REFER TO LEFT VIEWS.



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		5:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 749038 DRWN: GLLI 2023/05/10 CHK'D: XQZHANG 2023/05/25 APPR: XQZHANG 2023/05/25					
ANGULAR TOL ± 3.0 °									
4 PLACES		±		PRODUCT CUSTOMER DRAWING					
3 PLACES		± 0.1							
2 PLACES		± 0.2		DOCUMENT NUMBER SD-105310-100					
1 PLACE		± 0.3							
0 PLACES		±		DOC TYPE		DOC PART		REVISION	
INITIAL REVISION: DRWN: GLLI 2014/03/21 APPR: AYIN 2015/04/08				SD		000		H1	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING A3-SIZE		SERIES 105310	
				MATERIAL NUMBER		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 5	

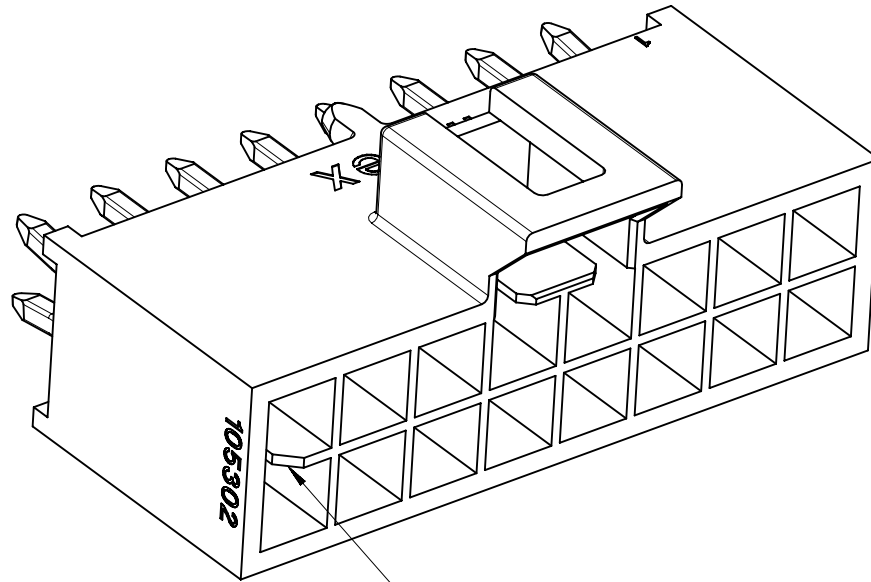


KEY A

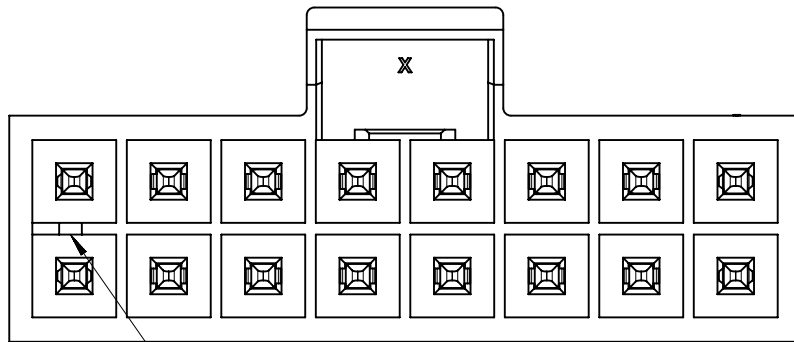


KEY A

BLACK



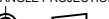
KEY B



KEY B

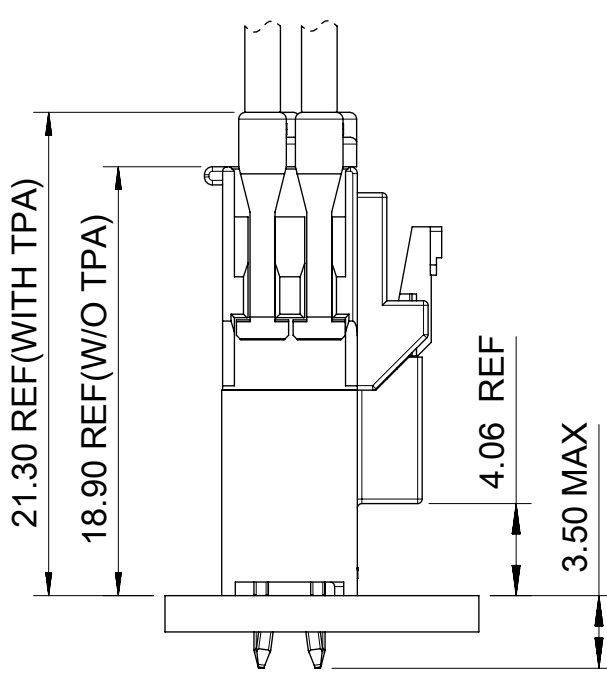
NATURAL

COLOR OPTION

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		5:1														
GENERAL TOLERANCES (UNLESS SPECIFIED)																
ANGULAR TOL ± 3.0 °																
4 PLACES		±		EC NO: 749038					HEADER OF NANO-FIT, D/R, KINK, VERTICAL POWER CONNECTOR							
3 PLACES		± 0.1		DRWN: GLLI 2023/05/10												
2 PLACES		± 0.2		CHK'D: XQZHANG 2023/05/25												
1 PLACE		± 0.3		APPR: XQZHANG 2023/05/25					PRODUCT CUSTOMER DRAWING							
0 PLACES		±		INITIAL REVISION:					DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
				DRWN: GLLI 2014/03/21					SD-105310-100		PSD		000		H1	
				APPR: AYIN 2015/04/08												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
						A3-SIZE		105310				GENERAL MARKET		2 OF 5		

DOCUMENT STATUS	P1	RELEASE DATE	2023/05/25	00:11:27
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FORMAT: master-b-prod-A3
REVISION: J1
DATE: 2021/05/01

10		9		8		7		6		5		4		3		2		1					
PART NUMBER		DIM 'A'	DIM 'B'	CKT SIZE	PLATING	LUBE	 21.30 REF(WITH TPA) 18.90 REF(W/O TPA) 4.06 REF 3.50 MAX 105310- * * * * CIRCUIT SIZE PLATING OPTION 1 - TIN 2 - GOLD 0.38 3 - GOLD 0.76 4 - GOLD AND LUBE 5 - GOLD 0.025 COLOR OPTION 1 - BLACK 2 - NATURAL										PART NUMBER		DIM 'A'	DIM 'B'	CKT SIZE	PLATING	LUBE
105310-1104		5.94	2.50	4	TIN												105310-2104		5.94	2.50	4	TIN	
105310-1106		8.44	5.00	6													105310-2106		8.44	5.00	6		
105310-1108		10.94	7.50	8													105310-2108		10.94	7.50	8		
105310-1110		13.44	10.00	10													105310-2110		13.44	10.00	10		
105310-1112		15.94	12.50	12													105310-2112		15.94	12.50	12		
105310-1114		18.44	15.00	14	GOLD 0.38	NO											105310-2114		18.44	15.00	14	GOLD 0.38	NO
105310-1116		20.94	17.50	16													105310-2116		20.94	17.50	16		
105310-1204		5.94	2.50	4													105310-2204		5.94	2.50	4		
105310-1206		8.44	5.00	6													105310-2206		8.44	5.00	6		
105310-1208		10.94	7.50	8													105310-2208		10.94	7.50	8		
105310-1210		13.44	10.00	10	GOLD 0.76												105310-2210		13.44	10.00	10	GOLD 0.76	
105310-1212		15.94	12.50	12													105310-2212		15.94	12.50	12		
105310-1214		18.44	15.00	14													105310-2214		18.44	15.00	14		
105310-1216		20.94	17.50	16													105310-2216		20.94	17.50	16		
105310-1304		5.94	2.50	4													105310-2304		5.94	2.50	4		
105310-1306		8.44	5.00	6	GOLD 0.76												105310-2306		8.44	5.00	6	GOLD 0.76	
105310-1308		10.94	7.50	8													105310-2308		10.94	7.50	8		
105310-1310		13.44	10.00	10													105310-2310		13.44	10.00	10		
105310-1312		15.94	12.50	12													105310-2312		15.94	12.50	12		
105310-1314		18.44	15.00	14			105310-2314		18.44	15.00	14												
105310-1316		20.94	17.50	16	GOLD 0.76	YES	105310-2316		20.94	17.50	16	GOLD 0.76	YES										
105310-1404		5.94	2.50	4			105310-2404		5.94	2.50	4												
105310-1406		8.44	5.00	6			105310-2406		8.44	5.00	6												
105310-1408		10.94	7.50	8			105310-2408		10.94	7.50	8												
105310-1410		13.44	10.00	10			105310-2410		13.44	10.00	10												
105310-1412		15.94	12.50	12	GOLD 0.76	YES	105310-2412		15.94	12.50	12	GOLD 0.76	YES										
105310-1414		18.44	15.00	14			105310-2414		18.44	15.00	14												
105310-1416		20.94	17.50	16			105310-2416		20.94	17.50	16												
COLOR: BLACK							COLOR: NATURAL																
PART NUMBER		DIM 'A'	DIM 'B'	CKT SIZE	PLATING	LUBE	PART NUMBER		DIM 'A'	DIM 'B'	CKT SIZE	PLATING	LUBE										
105310-1504		5.94	2.50	4	GOLD 0.025	NO	105310-2504		5.94	2.50	4	GOLD 0.025	NO										
105310-1506		8.44	5.00	6			105310-2506		8.44	5.00	6												
105310-1508		10.94	7.50	8			105310-2508		10.94	7.50	8												
105310-1510		13.44	10.00	10			105310-2510		13.44	10.00	10												
105310-1512		15.94	12.50	12			105310-2512		15.94	12.50	12												
105310-1514		18.44	15.00	14	GOLD 0.025	NO	105310-2514		18.44	15.00	14	GOLD 0.025	NO										
105310-1516		20.94	17.50	16			105310-2516		20.94	17.50	16												
COLOR: BLACK							COLOR: NATURAL																
PART NUMBER		DIM 'A'	DIM 'B'	CKT SIZE			PLATING	LUBE	PART NUMBER		DIM 'A'			DIM 'B'	CKT SIZE	PLATING	LUBE						
105310-1504		5.94	2.50	4	GOLD 0.025	NO	105310-2504		5.94	2.50	4	GOLD 0.025	NO										
105310-1506		8.44	5.00	6			105310-2506		8.44	5.00	6												
105310-1508		10.94	7.50	8			105310-2508		10.94	7.50	8												
105310-1510		13.44	10.00	10			105310-2510		13.44	10.00	10												
105310-1512		15.94	12.50	12			105310-2512		15.94	12.50	12												
105310-1514		18.44	15.00	14	GOLD 0.025	NO	105310-2514		18.44	15.00	14	GOLD 0.025	NO										
105310-1516		20.94	17.50	16			105310-2516		20.94	17.50	16												
COLOR: BLACK							COLOR: NATURAL																
PART NUMBER		DIM 'A'	DIM 'B'	CKT SIZE			PLATING	LUBE	PART NUMBER		DIM 'A'			DIM 'B'	CKT SIZE	PLATING	LUBE						
105310-1504		5.94	2.50	4	GOLD 0.025	NO	105310-2504		5.94	2.50	4	GOLD 0.025	NO										
105310-1506		8.44	5.00	6			105310-2506		8.44	5.00	6												
105310-1508		10.94	7.50	8			105310-2508		10.94	7.50	8												
105310-1510		13.44	10.00	10			105310-2510		13.44	10.00	10												
105310-1512		15.94	12.50	12			105310-2512		15.94	12.50	12												
105310-1514		18.44	15.00	14	GOLD 0.025	NO	105310-2514		18.44	15.00	14	GOLD 0.025	NO										
105310-1516		20.94	17.50	16			105310-2516		20.94	17.50	16												
COLOR: BLACK							COLOR: NATURAL																
PART NUMBER		DIM 'A'	DIM 'B'	CKT SIZE			PLATING	LUBE	PART NUMBER		DIM 'A'			DIM 'B'	CKT SIZE	PLATING	LUBE						
105310-1504		5.94	2.50	4	GOLD 0.025	NO	105310-2504		5.94	2.50	4	GOLD 0.025	NO										
105310-1506		8.44	5.00	6			105310-2506		8.44	5.00	6												
105310-1508		10.94	7.50	8			105310-2508		10.94	7.50	8												
105310-1510		13.44	10.00	10			105310-2510		13.44	10.00	10												
105310-1512		15.94	12.50	12			105310-2512		15.94	12.50	12												
105310-1514		18.44	15.00	14	GOLD 0.025	NO	105310-2514		18.44	15.00	14	GOLD 0.025	NO										
105310-1516		20.94	17.50	16			105310-2516		20.94	17.50	16												
COLOR: BLACK							COLOR: NATURAL																
PART NUMBER		DIM 'A'	DIM 'B'	CKT SIZE			PLATING	LUBE	PART NUMBER		DIM 'A'			DIM 'B'	CKT SIZE	PLATING	LUBE						
105310-1504		5.94	2.50	4	GOLD 0.025	NO	105310-2504		5.94	2.50	4	GOLD 0.025	NO										
105310-1506		8.44	5.00	6			105310-2506		8.44	5.00	6												
105310-1508		10.94	7.50	8			105310-2508		10.94	7.50	8												
105310-1510		13.44	10.00	10			105310-2510		13.44	10.00	10												
105310-1512		15.94	12.50	12			105310-2512		15.94	12.50	12												
105310-1514		18.44	15.00	14	GOLD 0.025	NO	105310-2514		18.44	15.00	14	GOLD 0.025	NO										
105310-1516		20.94	17.50	16			105310-2516		20.94	17.50	16												
COLOR: BLACK							COLOR: NATURAL																
PART NUMBER		DIM 'A'	DIM 'B'	CKT SIZE			PLATING	LUBE	PART NUMBER		DIM 'A'			DIM 'B'	CKT SIZE	PLATING	LUBE						
105310-1504		5.94	2.50	4	GOLD 0.025	NO	105310-2504		5.94	2.50	4	GOLD 0.025	NO										
105310-1506		8.44	5.00	6			105310-2506		8.44	5.00	6												
105310-1508		10.94	7.50	8			105310-2508		10.94	7.50	8												
105310-1510		13.44	10.00	10			105310-2510		13.44	10.00	10												
105310-1512		15.94	12.50	12			105310-2512		15.94	12.50	12												
105310-1514		18.44	15.00	14	GOLD 0.025	NO	105310-2514		18.44	15.00	14	GOLD 0.025	NO										
105310-1516		20.94	17.50	16			105310-2516		20.94	17.50	16												
COLOR: BLACK							COLOR: NATURAL																
PART NUMBER		DIM 'A'	DIM 'B'	CKT SIZE			PLATING	LUBE	PART NUMBER		DIM 'A'			DIM 'B'	CKT SIZE	PLATING	LUBE						
105310-1504		5.94	2.50	4	GOLD 0.025	NO	105310-2504		5.94	2.50	4	GOLD 0.025	NO										
105310-1506		8.44	5.00	6			105310-2506		8.44	5.00	6												
105310-1508		10.94	7.50	8			105310-2508		10.94	7.50	8												
105310-1510		13.44	10.00	10			105310-2510		13.44	10.00	10												
105310-1512		15.94	12.50	12			105310-2512		15.94	12.50	12												
105310-1514		18.44	15.00	14	GOLD 0.025	NO	105310-2514		18.44	15.00	14	GOLD 0.025	NO										
105310-1516		20.94	17.50	16			105310-2516		20.94	17.50	16												
COLOR: BLACK							COLOR: NATURAL																
PART NUMBER		DIM 'A'	DIM 'B'	CKT SIZE			PLATING	LUBE	PART NUMBER		DIM 'A'			DIM 'B'	CKT SIZE	PLATING	LUBE						
105310-1504		5.94	2.50	4	GOLD 0.025	NO	105310-2504		5.94	2.50	4	GOLD 0.025	NO										
105310-1506		8.44	5.00	6			105310-2506		8.44	5.00	6												
105310-1508		10.94	7.50	8			105310-2508		10.94	7.50	8												
105310-1510		13.44	10.00	10			105310-2510		13.44	10.00	10												
105310-1512		15.94	12.50	12			105310-2512		15.94	12.50	12												
105310-1514		18.44	15.00	14																			

[illegible]

NOTES FOR ALL PARTS

- 1> MATERIAL:
HOUSING: LCP, UL 94V-0; TERMINAL: BRASS.

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.
d. GOLD 0.025 MICRONS MIN.
SOLDER AREA: TIN 1.5 MICRONS MIN, UNDER PLATING NICKEL 1.25 MICRONS MIN.
SOLDER CLIP: TIN 2.5 MICRONS MIN, UNDER PLATING NICKEL 1.25 MICRONS MIN.

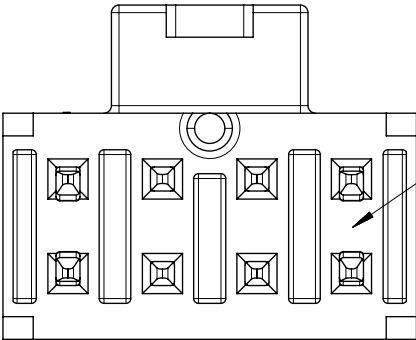
3> PRODUCT SPECIFICATION: PS-105300-100.
- 4> PACKAGE: TRAY, PK-105309-100.

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 TERMINAL).

7> PARTS CONFORM TO CLASS 'B'REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

8> 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		1:1												
GENERAL TOLERANCES (UNLESS SPECIFIED)							EC NO: 749038 DRWN: GLLI 2023/05/10 CHK'D: XQZHANG 2023/05/25 APPR: XQZHANG 2023/05/25			HEADER OF NANO-FIT, D/R, KINK, VERTICAL POWER CONNECTOR				
ANGULAR TOL ± 3.0 °				PRODUCT CUSTOMER DRAWING										
4 PLACES		±								INITIAL REVISION: DRWN: GLLI 2014/03/21 APPR: AYIN 2015/04/08			DOCUMENT NUMBER	
3 PLACES		± 0.1		SD-105310-100		PSD							000	H1
2 PLACES		± 0.2												
1 PLACE		± 0.3												
0 PLACES		±												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
						A3-SIZE	105310			GENERAL MARKET		5 OF 5		