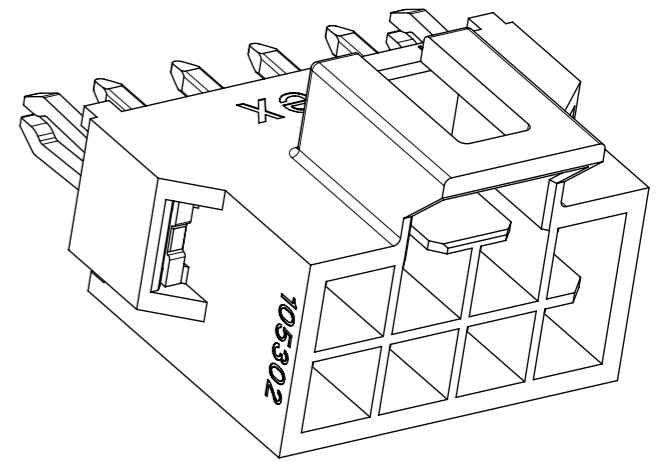
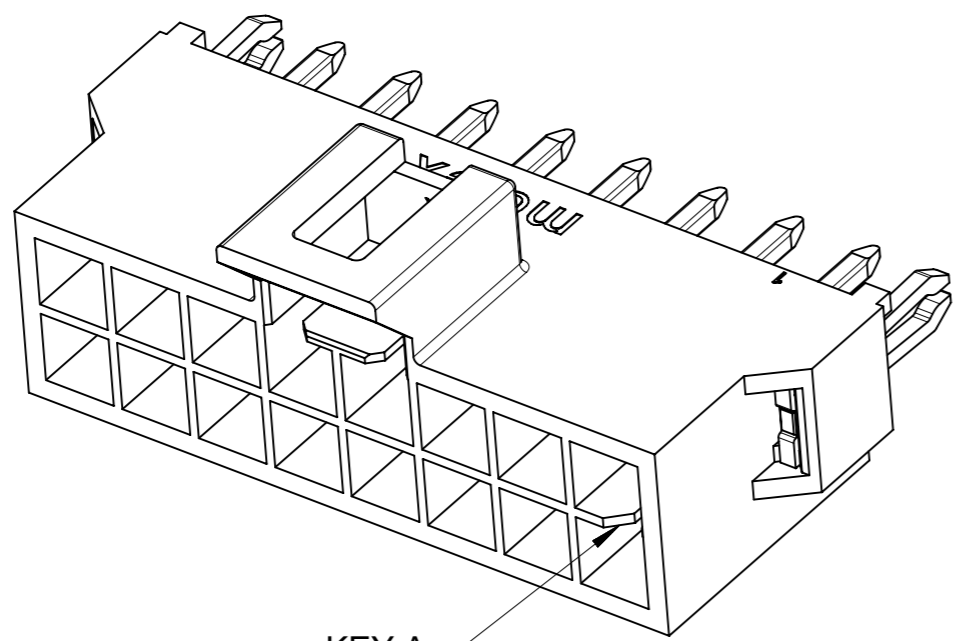


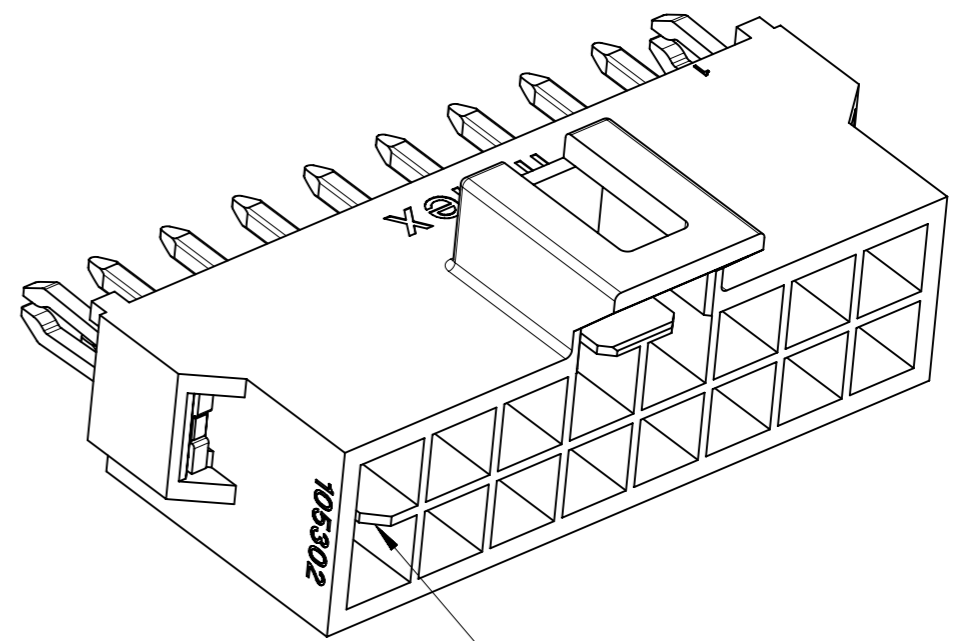
RECOMMENDED PCB(CONNECTOR SIDE VIEW)
THICKNESS=1.6 TO 2.4 MM



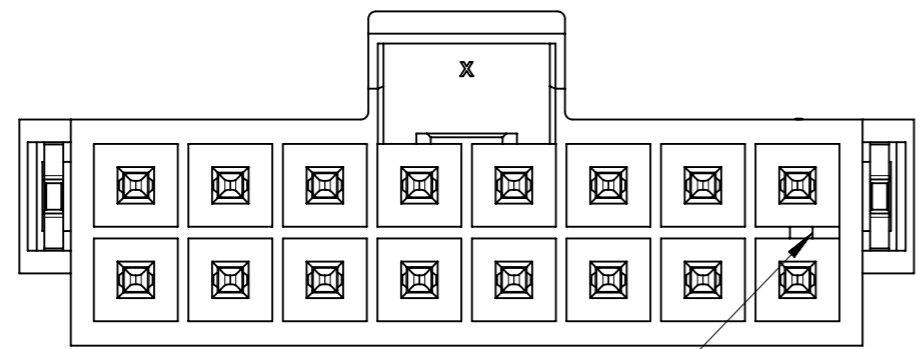
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
QUALITY SYMBOLS 	EC NO: 625433 DRWN: GLLI CHK'D: YXZHENG APPR: YXZHENG	2019/10/10 2019/10/10 2019/10/10	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION UNITS	SCALE						
			ANGULAR TOL ± 3.0 °			mm	5:1						
			4 PLACES ±	DRWN BY		DATE		HEADER OF NANO-FIT, D/R, CLIP, VERTICAL POWER CONNECTOR					
			3 PLACES ± 0.1	GLLI		2014/07/16							
			2 PLACES ± 0.2	CHK'D BY		DATE		PRODUCT CUSTOMER DRAWING					
			1 PLACE ± 0.3	APPR BY		DATE							
			0 PLACES ±	AYIN		2015/04/08		SERIES	MATERIAL NUMBER	CUSTOMER			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWING SIZE		THIRD ANGLE PROJECTION		105312	SEE SHEET 3	GENERAL MARKET			
				A3				DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER		
				G				SD-105312-100	PSD	000	1 OF 5		



KEY A

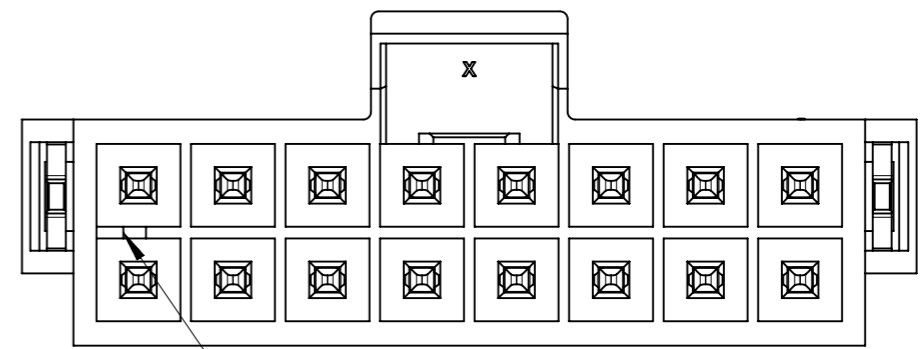


KEY B



KEY A

BLACK



KEY B

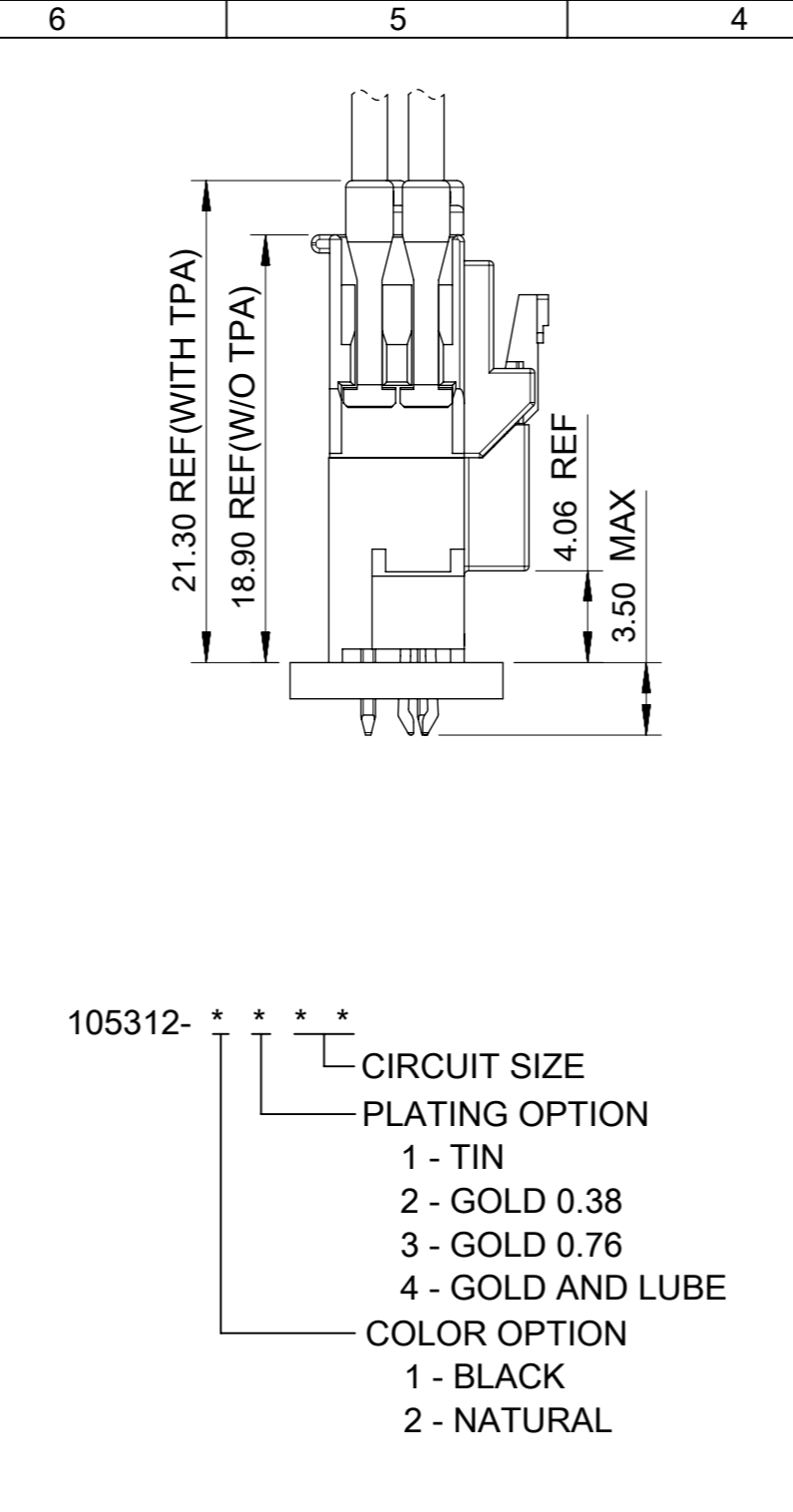
NATURAL

COLOR OPTION

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC:					
▽ = 0		mm				EC NO: 625433					
▽ = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)				DRWN: GLLI		2019/10/10		HEADER OF NANO-FIT, D/R, CLIP, VERTICAL POWER CONNECTOR	
▽ = 0		ANGULAR TOL ± 3.0°				CHK'D: YXZHENG		2019/10/10		PRODUCT CUSTOMER DRAWING	
▽ = 0		4 PLACES ±				APPR: YXZHENG		2019/10/10		DOCUMENT NUMBER	
▽ = 0		3 PLACES ± 0.1				INITIAL REVISION:				SD-105312-100	
▽ = 0		2 PLACES ± 0.2				DRWN: GLLI		2015/05/29		DOC TYPE	
▽ = 0		1 PLACE ± 0.3				APPR: AYIN		2016/04/27		DOC PART	
▽ = 0		0 PLACES ±				THIRD ANGLE PROJECTION		DRAWING		REVISION	
▽ = 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				A3-SIZE		SERIES		MATERIAL NUMBER	
▽ = 0						A3-SIZE		105312		CUSTOMER	
						SEE SHEET 3		GENERAL MARKET		SHEET NUMBER	
										2 OF 5	

PART NUMBER	DIM 'A'	DIM 'B'	DIM 'C'	CKT SIZE	PLATING	LUBE
105312-1104	8.66	5.94	6.84	4	TIN	
105312-1106	11.16	8.44	9.34	6		
105312-1108	13.66	10.94	11.84	8		
105312-1110	16.16	13.44	14.34	10		
105312-1112	18.66	15.94	16.84	12		
105312-1114	21.16	18.44	19.34	14		
105312-1116	23.66	20.94	21.84	16		
105312-1204	8.66	5.94	6.84	4	GOLD 0.38	NO
105312-1206	11.16	8.44	9.34	6		
105312-1208	13.66	10.94	11.84	8		
105312-1210	16.16	13.44	14.34	10		
105312-1212	18.66	15.94	16.84	12		
105312-1214	21.16	18.44	19.34	14		
105312-1216	23.66	20.94	21.84	16		
105312-1304	8.66	5.94	6.84	4	GOLD 0.76	
105312-1306	11.16	8.44	9.34	6		
105312-1308	13.66	10.94	11.84	8		
105312-1310	16.16	13.44	14.34	10		
105312-1312	18.66	15.94	16.84	12		
105312-1314	21.16	18.44	19.34	14		
105312-1316	23.66	20.94	21.84	16		
105312-1404	8.66	5.94	6.84	4	GOLD 0.76	YES
105312-1406	11.16	8.44	9.34	6		
105312-1408	13.66	10.94	11.84	8		
105312-1410	16.16	13.44	14.34	10		
105312-1412	18.66	15.94	16.84	12		
105312-1414	21.16	18.44	19.34	14		
105312-1416	23.66	20.94	21.84	16		

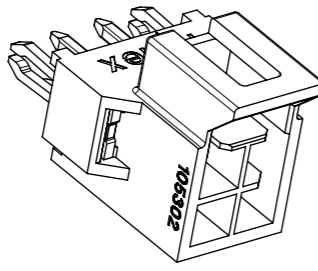
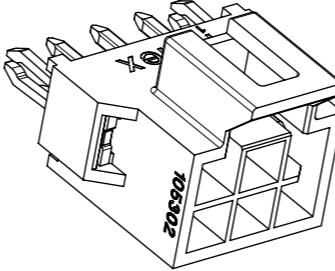
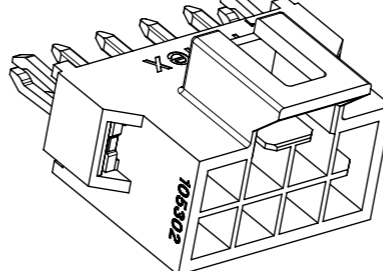
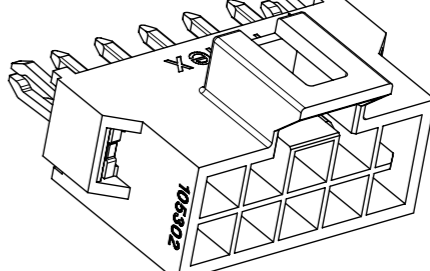
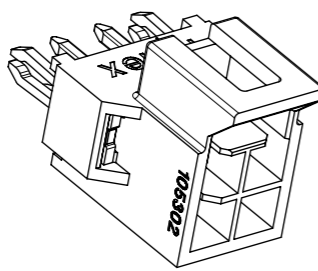
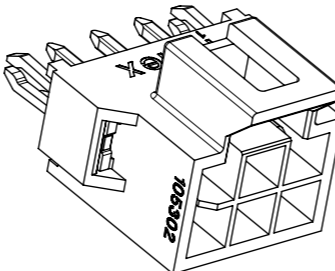
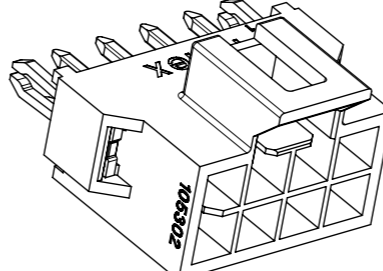
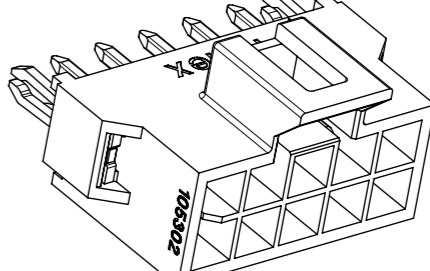
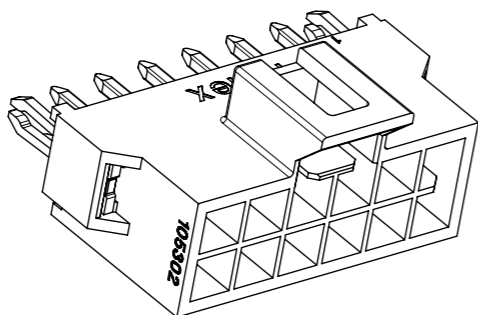
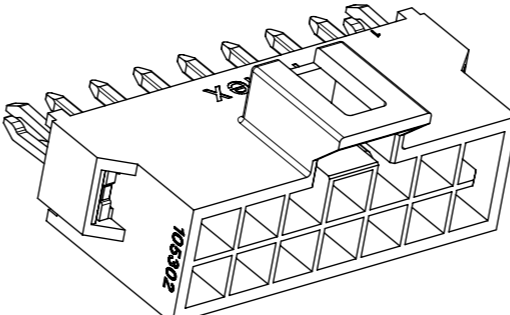
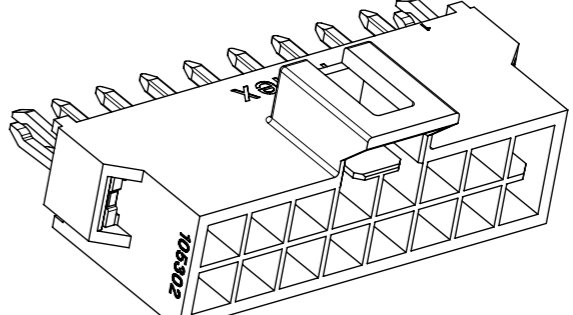
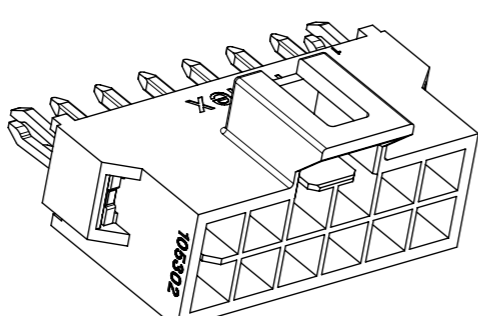
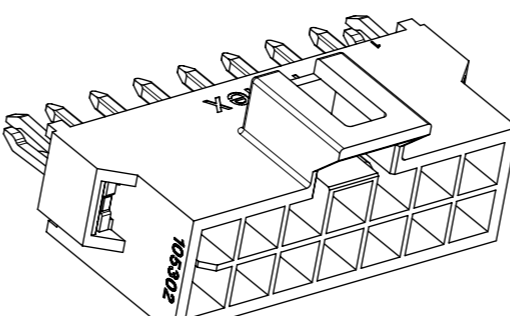
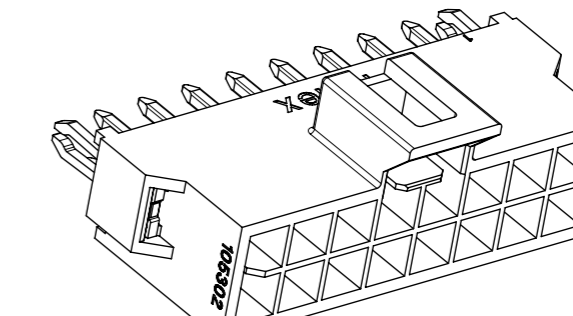
COLOR: BLACK









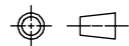



PART NUMBER	DIM 'A'	DIM 'B'	DIM 'C'	CKT SIZE	PLATING	LUBE
105312-2104	8.66	5.94	6.84	4	TIN	
105312-2106	11.16	8.44	9.34	6		
105312-2108	13.66	10.94	11.84	8		
105312-2110	16.16	13.44	14.34	10		
105312-2112	18.66	15.94	16.84	12		
105312-2114	21.16	18.44	19.34	14		
105312-2116	23.66	20.94	21.84	16		
105312-2204	8.66	5.94	6.84	4	GOLD 0.38	NO
105312-2206	11.16	8.44	9.34	6		
105312-2208	13.66	10.94	11.84	8		
105312-2210	16.16	13.44	14.34	10		
105312-2212	18.66	15.94	16.84	12		
105312-2214	21.16	18.44	19.34	14		
105312-2216	23.66	20.94	21.84	16		
105312-2304	8.66	5.94	6.84	4	GOLD 0.76	
105312-2306	11.16	8.44	9.34	6		
105312-2308	13.66	10.94	11.84	8		
105312-2310	16.16	13.44	14.34	10		
105312-2312	18.66	15.94	16.84	12		
105312-2314	21.16	18.44	19.34	14		
105312-2316	23.66	20.94	21.84	16		
105312-2404	8.66	5.94	6.84	4	GOLD 0.76	YES
105312-2406	11.16	8.44	9.34	6		
105312-2408	13.66	10.94	11.84	8		
105312-2410	16.16	13.44	14.34	10		
105312-2412	18.66	15.94	16.84	12		
105312-2414	21.16	18.44	19.34	14		
105312-2416	23.66	20.94	21.84	16		

COLOR: NATURAL

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
QUALITY SYMBOLS 	EC NO: 625433 DRWN: GLLI CHK'D: YXZHENG APPR: YXZHENG	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 3.0 ° 4 PLACES ± 3 PLACES ± 0.1 2 PLACES ± 0.2 1 PLACE ± 0.3 0 PLACES ±		DIMENSION UNITS: mm SCALE: 3:1			HEADER OF NANO-FIT, D/R, CLIP, VERTICAL POWER CONNECTOR				
		DRWN BY: GLLI DATE: 2014/07/16		DRWN BY: GLLI DATE: 2014/07/16							
		APPR BY: AYIN DATE: 2015/04/08		APPR BY: AYIN DATE: 2015/04/08		PRODUCT CUSTOMER DRAWING					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE: A3 THIRD ANGLE PROJECTION	SERIES: 105312 MATERIAL NUMBER: SEE CHART CUSTOMER: GENERAL MARKET	DOCUMENT NUMBER: SD-105312-100 DOC TYPE: PSD DOC PART: 000 SHEET NUMBER: 3 OF 5			

	4 CKT	6 CKT	8 CKT	10 CKT
E	BLACK 			
D	NATURAL 			
	12 CKT	14 CKT	16 CKT	
C	BLACK 			
B	NATURAL 			

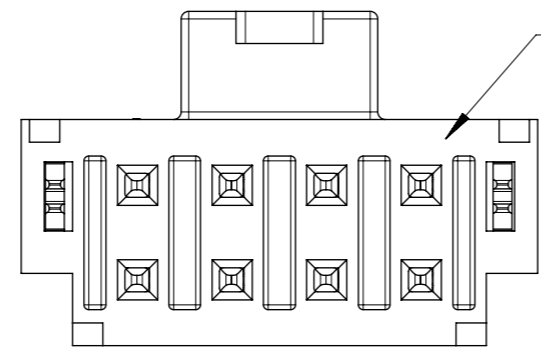
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
QUALITY SYMBOLS  = 0  = 0  = 0  = 0  = 0  = 0  = 0  = 0		EC NO: 625433 DRWN: GLLI CHK'D: YXZHENG APPR: YXZHENG		2019/10/10 2019/10/10 2019/10/10		GENERAL 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		DIMENSION UNITS: mm SCALE: 3:1 DRWN BY: GLLI DATE: 2014/07/16 CHK'D BY: DATE: APPR BY: AYIN DATE: 2015/04/08 DRAWING SIZE: A3 THIRD ANGLE PROJECTION: 		 HEADER OF NANO-FIT, D/R, CLIP, VERTICAL POWER CONNECTOR PRODUCT CUSTOMER DRAWING SERIES: 105312 MATERIAL NUMBER: SEE SHEET 3 CUSTOMER: GENERAL MARKET DOCUMENT NUMBER: SD-105312-100 DOC TYPE: PSD DOC PART: 000 SHEET NUMBER: 4 OF 5	

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 1.5MICRONS MIN;
 b. GOLD 0.38 MICRONS MIN;
 c. GOLD 0.76 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.

QUALITY SYMBOLS ▽ = 0 ▽ = 0 ▽ = 0 ▼ = 0 ▽ = 0 ⊗ = 0 ■ = 0 ▽ = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
	2019/10/10 DRWN: GLLI 2019/10/10 CHK'D: YXZHENG 2019/10/10 APPR: YXZHENG	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE					
		ANGULAR TOL ± 3.0 °		mm						
		4 PLACES ±	DRWN BY		DATE					
		3 PLACES ± 0.1	GLLI		2015/05/29					
		2 PLACES ± 0.2	CHK'D BY		DATE					
	1 PLACE ± 0.3	APPR BY		DATE		PRODUCT CUSTOMER DRAWING				
	0 PLACES ±	AYIN		2016/04/27		SERIES	MATERIAL NUMBER	CUSTOMER		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWING SIZE		THIRD ANGLE PROJECTION		105312	SEE SHEET 3	GENERAL MARKET		
		A3				DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER	
	G				SD-105312-100	PSD	000	5 OF 5		