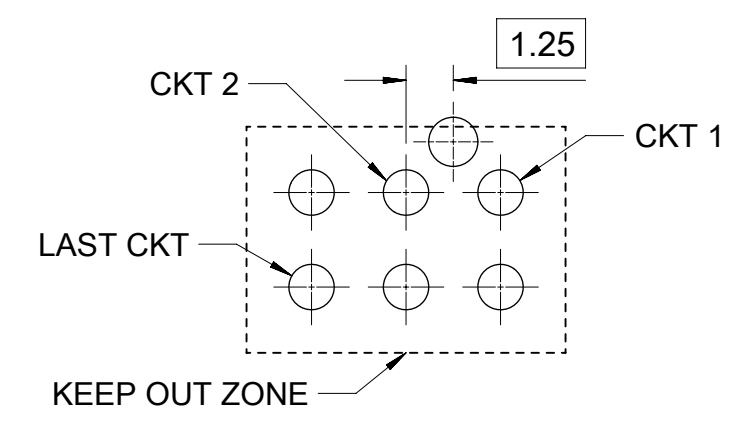
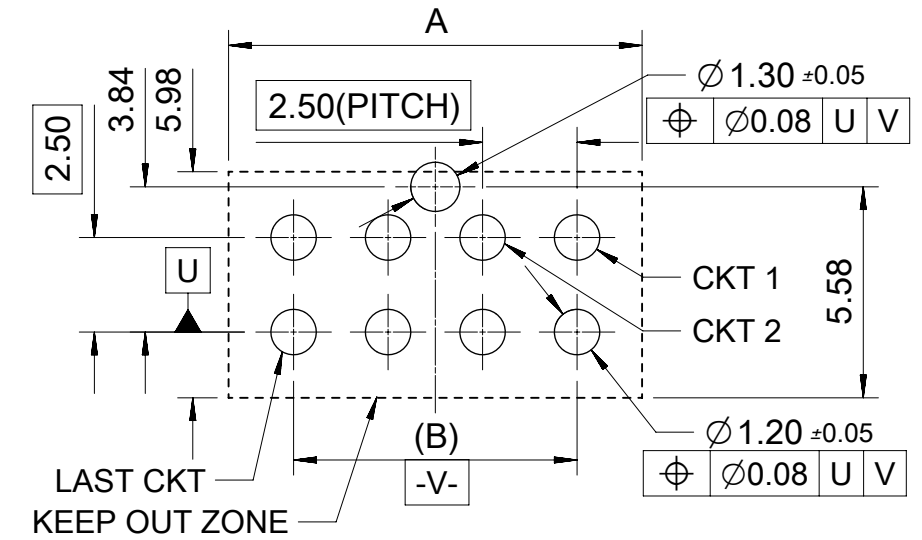
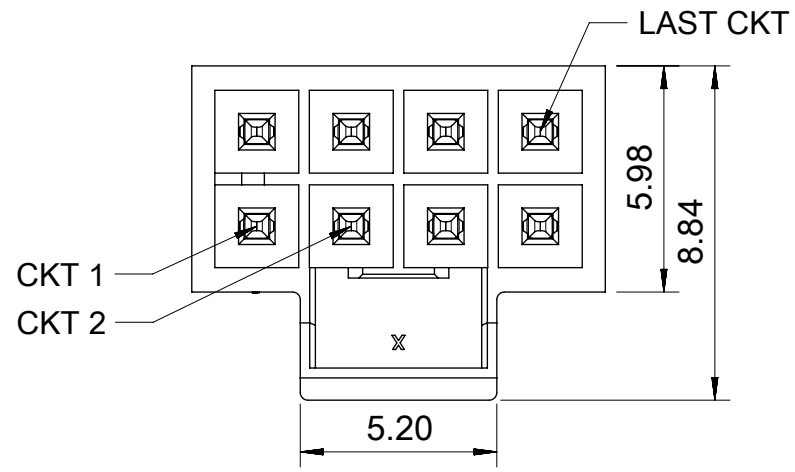
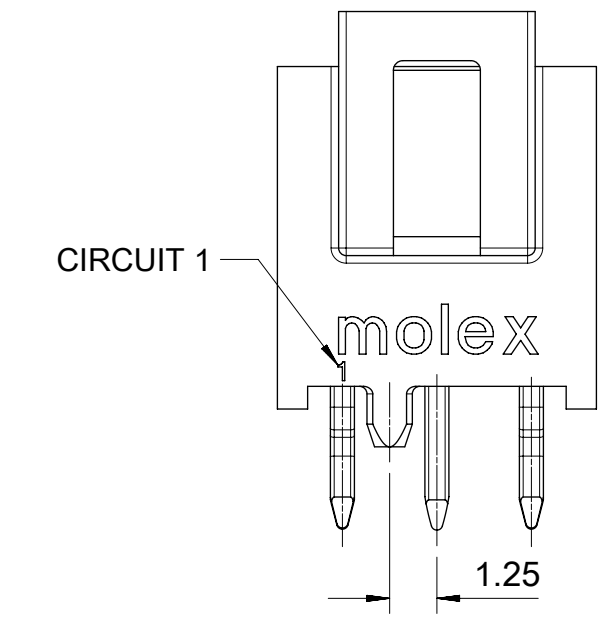
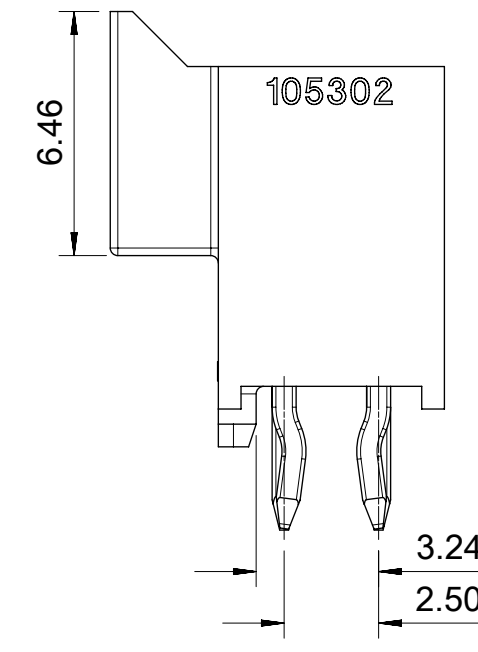
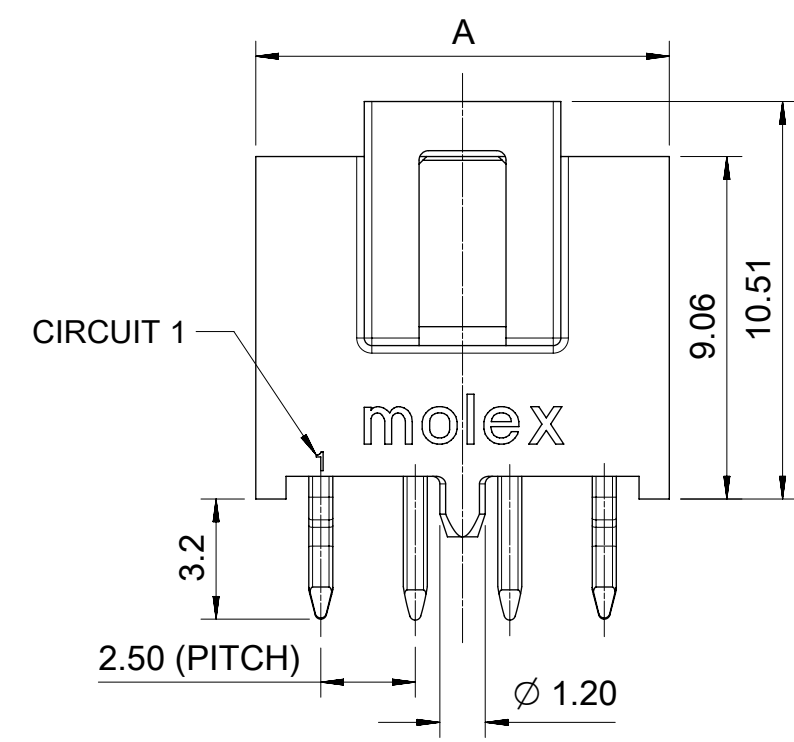
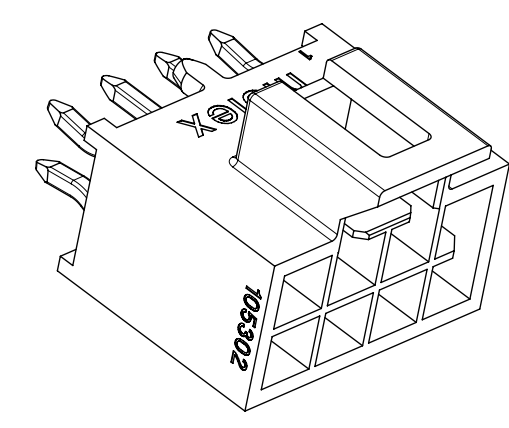


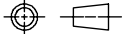


RECOMMENDED PCB(CONNECTOR SIDE VIEW)
THICKNESS=1.6 TO 2.4 MM



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												
QUALITY SYMBOLS	2017/03/29 2017/05/15 EC NO: 115635 DRWN: GLLI CHK'D: AYIN APPR: AYIN	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS		SCALE		molex®					
			MM		5:1							
			DRWN BY		DATE		HEADER OF NANO-FIT, D/R, KINK, VERTICAL POWER CONNECTOR					
			GLLI		2013/10/30							
			CHK'D BY		DATE							
			APPR BY		DATE		PRODUCT CUSTOMER DRAWING					
			AYIN		2015/04/08							
			DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES		MATERIAL NUMBER		CUSTOMER	
			A3				105310		SEE SHEET 2		GENERAL MARKET	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DOCUMENT NUMBER		DOC TYPE		DOC PART	
				SD-105310-100		PSD		000		1 OF 4		

		9		8		7		6		5		4		3		2		1										
		PART NUMBER	DIM 'A'	DIM 'B'	CKT SIZE	PLATING								PART NUMBER	DIM 'A'	DIM 'B'	CKT SIZE	PLATING										
E		105310-1104	5.94	2.50	4	TIN ▽ D		105310- * * * * CIRCUIT SIZE PLATING OPTION 1 - TIN 2 - GOLD 0.38 3 - GOLD 0.76 COLOR OPTION 1 - BLACK 2 - NATURAL							105310-2104	5.94	2.50	4	TIN ▽ D									
		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													105310-2114		18.44	15.00	14						
		105310-1116	20.94	17.50	16													105310-2116		20.94	17.50	16						
		105310-1204	5.94	2.50	4				GOLD 0.38											105310-2204	5.94	2.50	4	GOLD 0.38				
	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														105310-2210	13.44	10.00	10							
	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	GOLD 0.76														105310-2304	5.94	2.50	4	GOLD 0.76					
	105310-1306	8.44	5.00	6															105310-2306	8.44	5.00	6						
	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															105310-2316	20.94	17.50	16						
	COLOR: BLACK																COLOR: NATURAL											

NOTES FOR ALL PARTS

1> MATERIAL:

HOUSING: LCP; TERMINAL: BRASS.

2> PLATING FINISHED:

TERMINAL:

CONTACT AREA: a. 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.

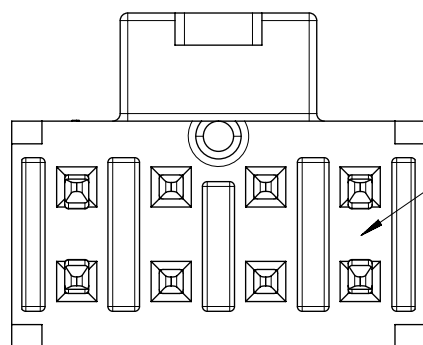
4> PACKAGE: TRAY. PK-105309-100.

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).

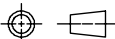
7> PARTS CONFORM TO CLASS 'B'REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

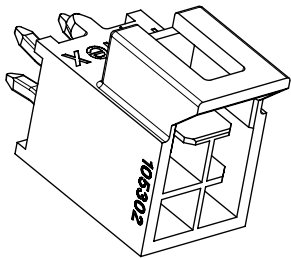
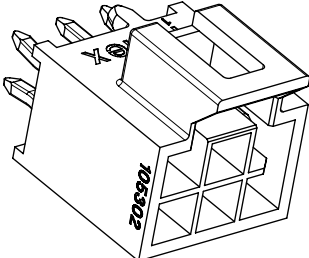
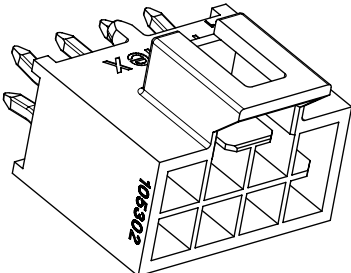
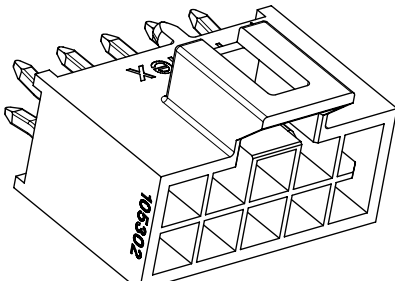
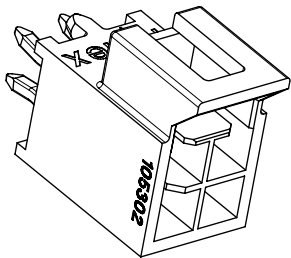
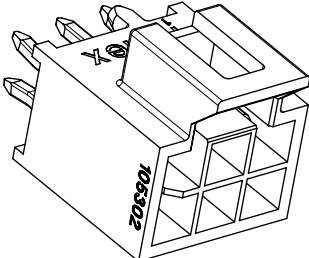
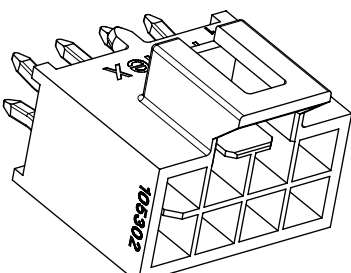
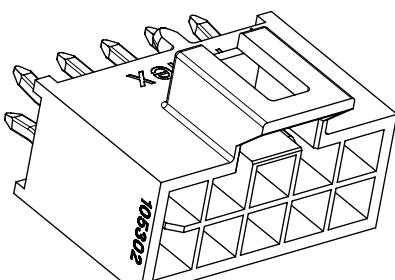
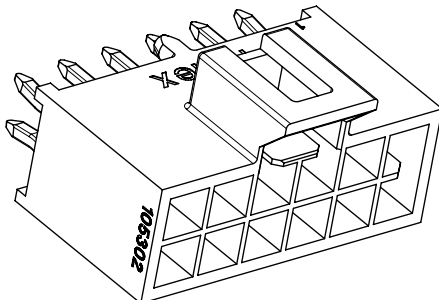
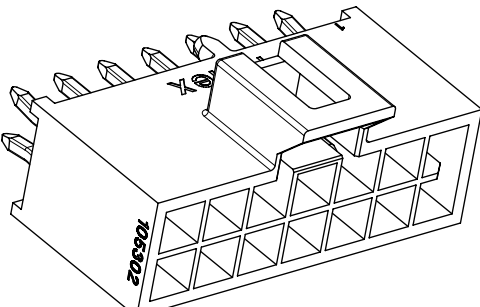
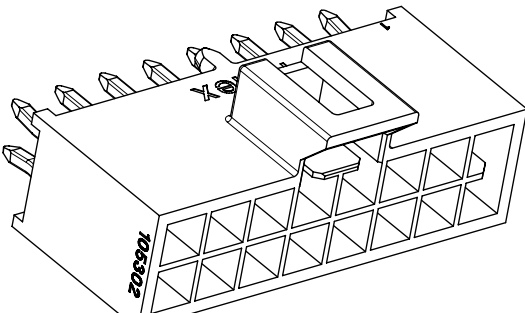
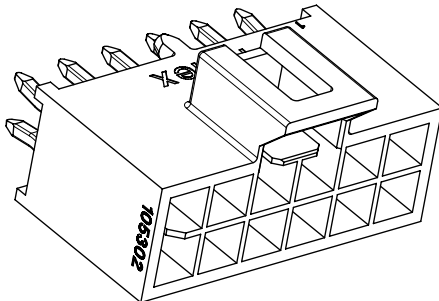
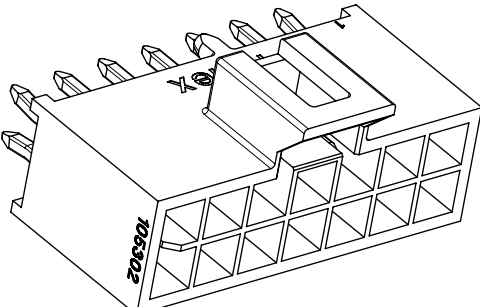
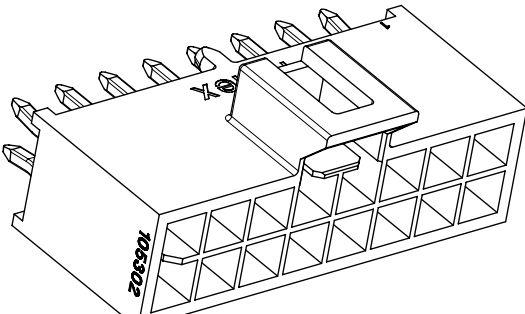
8> DISCOLORATION IN THE BANDOLIER PIN CARRIER AREA OF THE PIN IS INHERENT TO THE PLATING PROCESS AND IS DUE TO THE MASKING DEFECT OF THE CARRIER, THIS DISCOLORATION IS IN A NON-FUNCTION AREA OF THE PIN AND WILL NOT AFFECT THE PERFORMANCE OF THE HEADER ASSEMBLY.



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		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
 = 0	2017/03/29 2017/05/15 EC NO: 115635 DRWN: GLLI CHK'D: AYIN 2015/04/08 REV: D	2017/05/15 2017/05/15 EC NO: 115635 DRWN: GLLI CHK'D: AYIN 2015/04/08 REV: D	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE									
 = 0					MM		3:1									
 = 0			ANGULAR TOL ± 3.0 °		DRWN BY		DATE		HEADER OF NANO-FIT, D/R, KINK, VERTICAL POWER CONNECTOR							
 = 0					GLLI		2013/10/30									
 = 0			4 PLACES ±		CHK'D BY		DATE									
 = 0			3 PLACES ± 0.1													
 = 0			2 PLACES ± 0.2		APPR BY		DATE		PRODUCT CUSTOMER DRAWING							
 = 0			1 PLACE ± 0.3													
= 0			0 PLACES ±		AYIN		2015/04/08		SERIES		MATERIAL NUMBER			CUSTOMER		
= 0			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE		THIRD ANGLE PROJECTION		105310		SEE CHART			GENERAL MARKET		
= 0	A3						DOCUMENT NUMBER		DOC TYPE		DOC PART		SHEET NUMBER			
= 0							SD-105310-100		PSD		000		2 OF 4			

	9	8	7	6	5	4	3	2	1
E D C B A		4 CKT		6 CKT		8 CKT		10 CKT	
	BLACK								
	NATURAL								
		12 CKT		14 CKT		16 CKT			
	BLACK								
	NATURAL								
	C								
	QUALITY SYMBOLS = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 2017/03/29 2017/05/15 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 EC NO: 115635 DRWN: GLLI CHK'D: AYIN APPR: AYIN 2017/03/29 2017/05/15 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION DIMENSION UNITS MM DRWN BY GLLI CHK'D BY AYIN APPR BY AYIN DRAWING SIZE A3 SCALE 3:1 DATE 2013/10/30 DATE 2015/04/08 THIRD ANGLE PROJECTION molex® HEADER OF NANO-FIT, D/R, KINK, VERTICAL POWER CONNECTOR PRODUCT CUSTOMER DRAWING SERIES 105310 MATERIAL NUMBER SEE SHEET 2 CUSTOMER GENERAL MARKET DOCUMENT NUMBER SD-105310-100 DOC TYPE PSD DOC PART 000 SHEET NUMBER 3 OF 4								
	RELEASE STATUS	P1	RELEASE DATE	15.05.2017	07:01:12				
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