



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



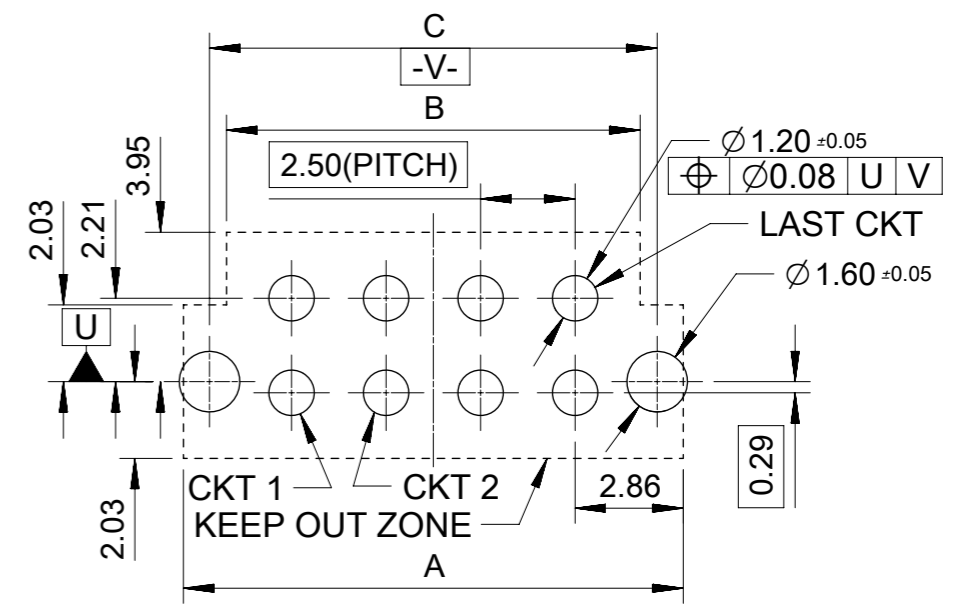
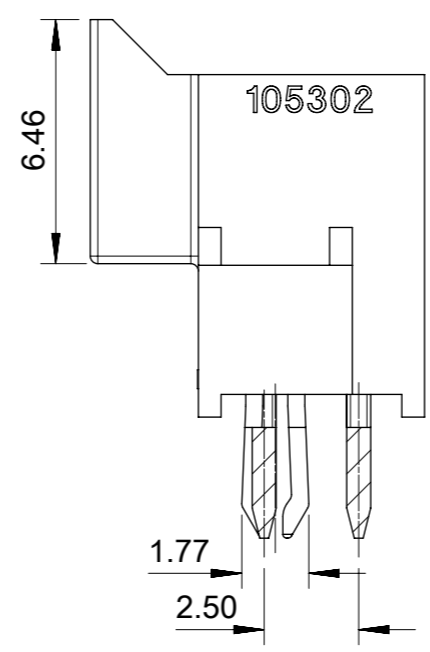
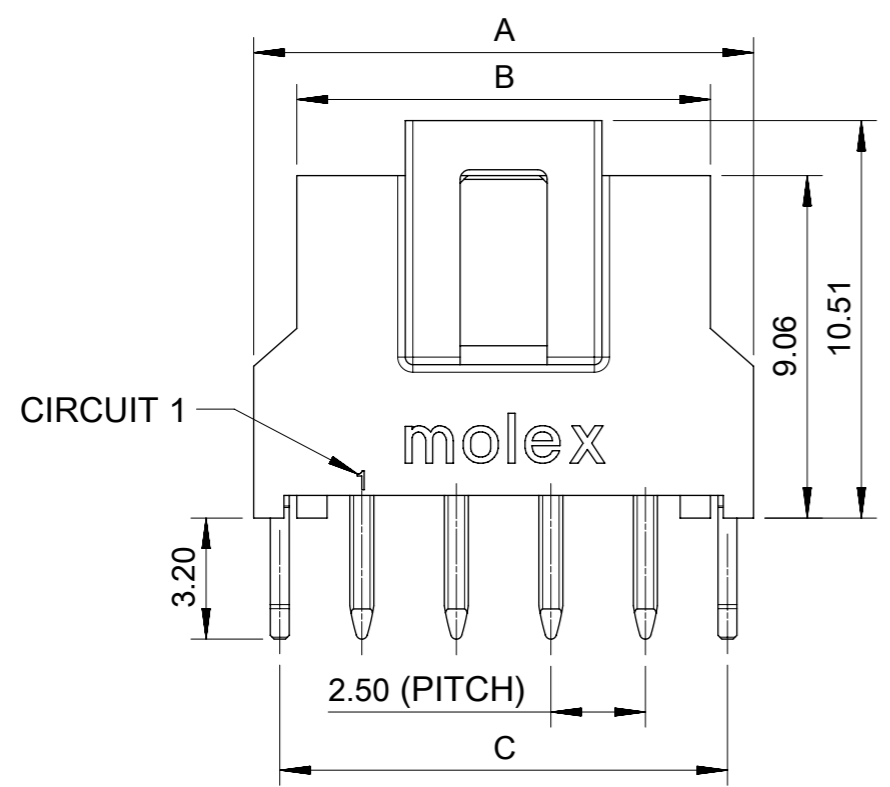
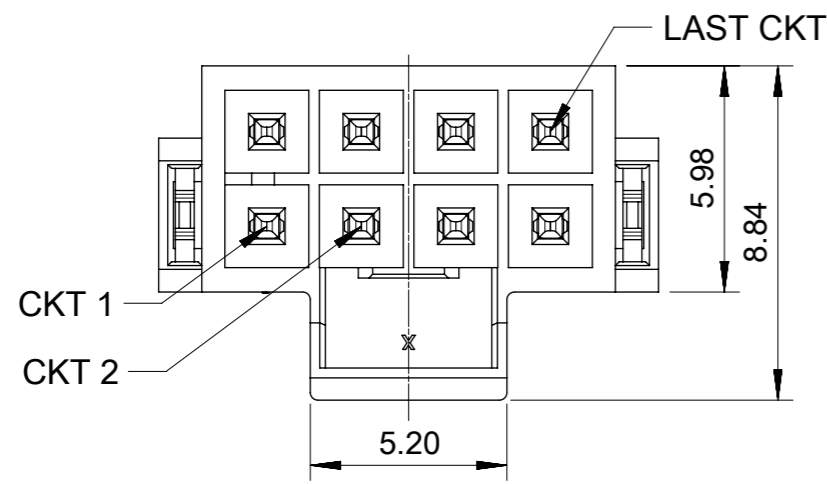
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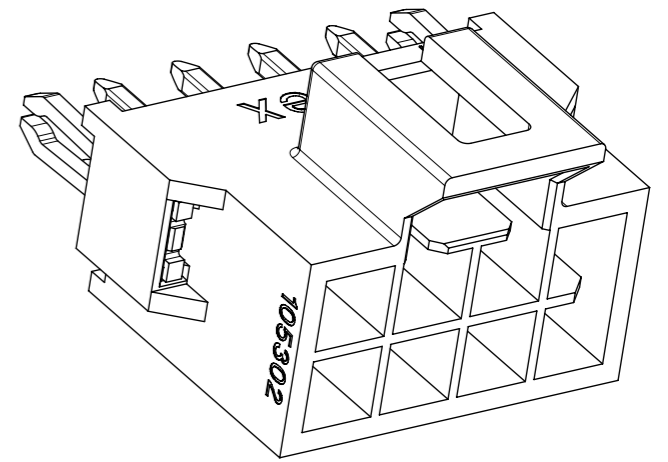
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



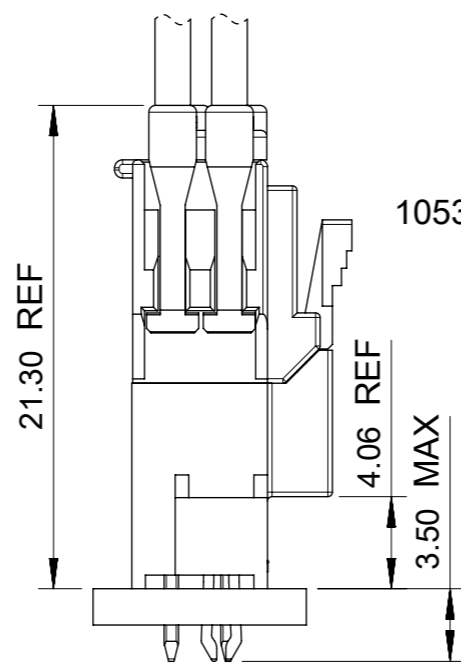


RECOMMENDED PCB(CONNECTOR SIDE VIEW)
THICKNESS=1.6 TO 2.4 MM



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
QUALITY SYMBOLS 	2016/03/30	2016/04/26	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE					
	EC NO: 103921 DRWN: GLLI CHK'D: AYIN APPR: AYIN	B REV	2016/03/30 2016/04/26	ANGULAR TOL ± 3.0 °		MM				5:1	HEADER OF NANO-FIT, D/R, CLIP, VERTICAL POWER CONNECTOR PRODUCT CUSTOMER DRAWING
				4 PLACES	±	DRWN BY	DATE				
				3 PLACES	± 0.1	GLLI	2014/07/16				
				2 PLACES	± 0.2	CHK'D BY	DATE				
				1 PLACE	± 0.3	AYIN	2015/04/08				
	0 PLACES	±	APPR BY	DATE	SERIES	MATERIAL NUMBER	CUSTOMER				
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE		THIRD ANGLE PROJECTION		105312	SEE SHEET 2	GENERAL MARKET		
			A3				DOCUMENT NUMBER		DOC TYPE	DOC PART	SHEET NUMBER
							SD-105312-100		PSD	000	1 OF 3

PART NUMBER	DIM 'A'	DIM 'B'	DIM 'C'	CKT SIZE	PLATING
105312-1204	8.22	5.94	6.84	4	GOLD 0.38
105312-1206	10.72	8.44	9.34	6	
105312-1208	13.22	10.94	11.84	8	
105312-1210	15.72	13.44	14.34	10	
105312-1212	18.22	15.94	16.84	12	
105312-1214	20.72	18.44	19.34	14	
105312-1216	23.22	20.94	21.84	16	
105312-1304	8.22	5.94	6.84	4	GOLD 0.76
105312-1306	10.72	8.44	9.34	6	
105312-1308	13.22	10.94	11.84	8	
105312-1310	15.72	13.44	14.34	10	
105312-1312	18.22	15.94	16.84	12	
105312-1314	20.72	18.44	19.34	14	
105312-1316	23.22	20.94	21.84	16	
TBD					TIN
COLOR: BLACK					



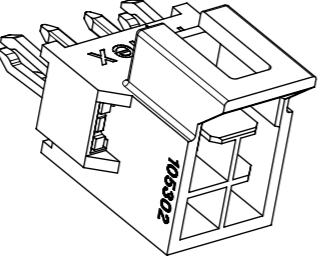
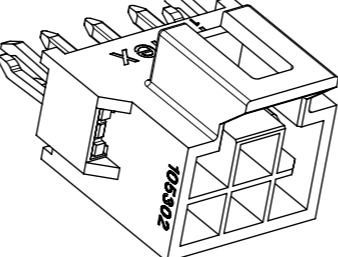
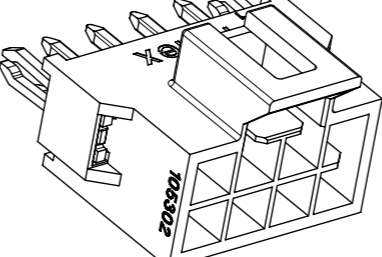
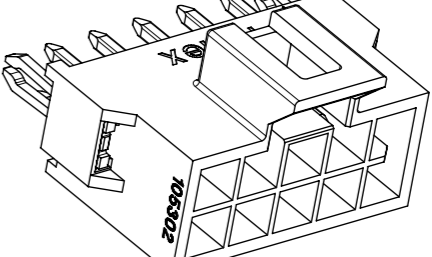
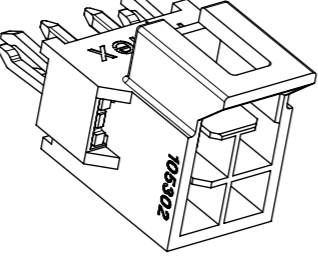
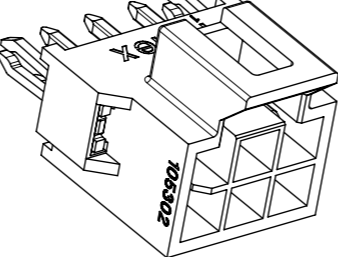
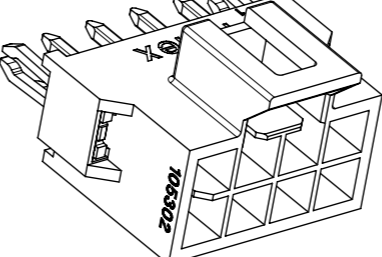
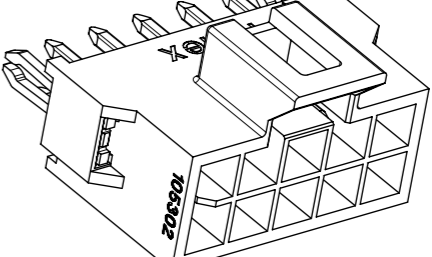
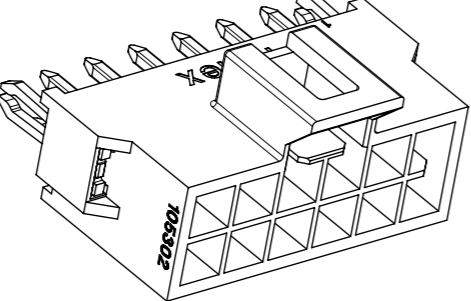
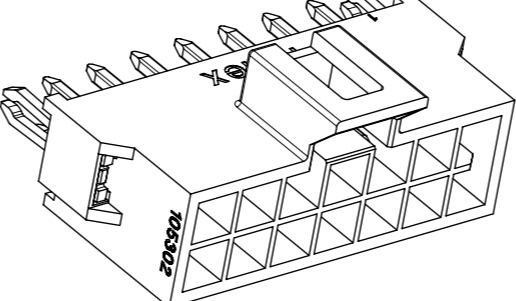
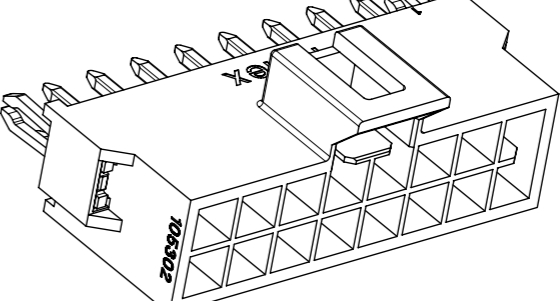
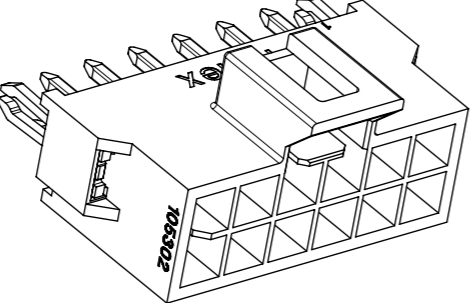
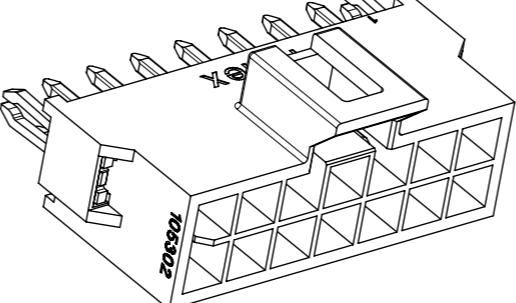
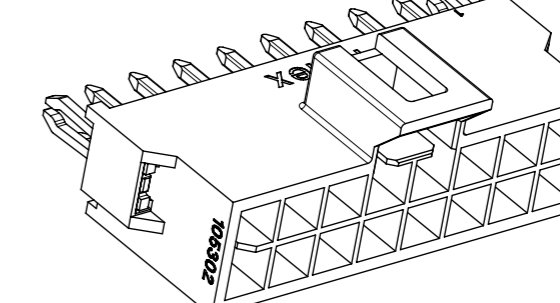
- 105312- * * * *
- CIRCUIT SIZE
 - PLATING OPTION
 - 1 - TIN
 - 2 - GOLD 0.38
 - 3 - GOLD 0.76
 - COLOR OPTION
 - 1 - BLACK
 - 2 - NATURAL










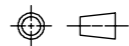
PART NUMBER	DIM 'A'	DIM 'B'	DIM 'C'	CKT SIZE	PLATING
105312-2204	8.22	5.94	6.84	4	GOLD 0.38
105312-2206	10.72	8.44	9.34	6	
105312-2208	13.22	10.94	11.84	8	
105312-2210	15.72	13.44	14.34	10	
105312-2212	18.22	15.94	16.84	12	
105312-2214	20.72	18.44	19.34	14	
105312-2216	23.22	20.94	21.84	16	
105312-2304	8.22	5.94	6.84	4	GOLD 0.76
105312-2306	10.72	8.44	9.34	6	
105312-2308	13.22	10.94	11.84	8	
105312-2310	15.72	13.44	14.34	10	
105312-2312	18.22	15.94	16.84	12	
105312-2314	20.72	18.44	19.34	14	
105312-2316	23.22	20.94	21.84	16	
TBD					TIN
COLOR: NATURAL					

NOTES FOR ALL PARTS

- 1> MATERIAL:
HOUSING: LCP; TERMINAL: BRASS; SOLDER CLIP: 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.

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QUALITY SYMBOLS FA = 0 FE = 0 FB = 0 FV = 0 FC = 0 FX = 0 FS = 0 FT = 0	2016/03/30	2016/04/26	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE			
	EC NO: 103921 DRWN: GLLI CHK'D: AYIN APPR: AYIN	B REV	ANGULAR TOL ± 3.0 °		MM	3:1			
			4 PLACES ±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	THIRD ANGLE PROJECTION	PRODUCT CUSTOMER DRAWING		
			3 PLACES ± 0.1				SERIES: 105312 MATERIAL NUMBER: SEE CHART CUSTOMER: GENERAL MARKET		
2 PLACES ± 0.2		1 PLACE ± 0.3		DRWN BY: GLLI DATE: 2014/07/16		CHK'D BY: AYIN DATE: 2015/04/08		DOCUMENT NUMBER: SD-105312-100 DOC TYPE: PSD DOC PART: 000 SHEET NUMBER: 2 OF 3	
0 PLACES ±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR BY: AYIN DATE: 2015/04/08		DRAWING SIZE: A3			

		4 CKT	6 CKT	8 CKT	10 CKT
BLACK					
NATURAL					
		12 CKT	14 CKT	16 CKT	
BLACK					
NATURAL					

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QUALITY SYMBOLS  = 0  = 0  = 0  = 0  = 0  = 0  = 0  = 0		2016/03/30 2016/04/26 EC NO: 103921 DRWN: GLLI CHK'D: AYIN APPR: AYIN		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		 HEADER OF NANO-FIT, D/R, CLIP, VERTICAL POWER CONNECTOR		
DRWN BY GLLI		DATE 2014/07/16		CHK'D BY AYIN		DATE 2015/04/08		PRODUCT CUSTOMER DRAWING					
DRAWING SIZE A3		THIRD ANGLE PROJECTION 		SERIES 105312		MATERIAL NUMBER SEE SHEET 2		CUSTOMER GENERAL MARKET					
DOCUMENT NUMBER SD-105312-100				DOC TYPE PSD		DOC PART 000		SHEET NUMBER 3 OF 3					