

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!

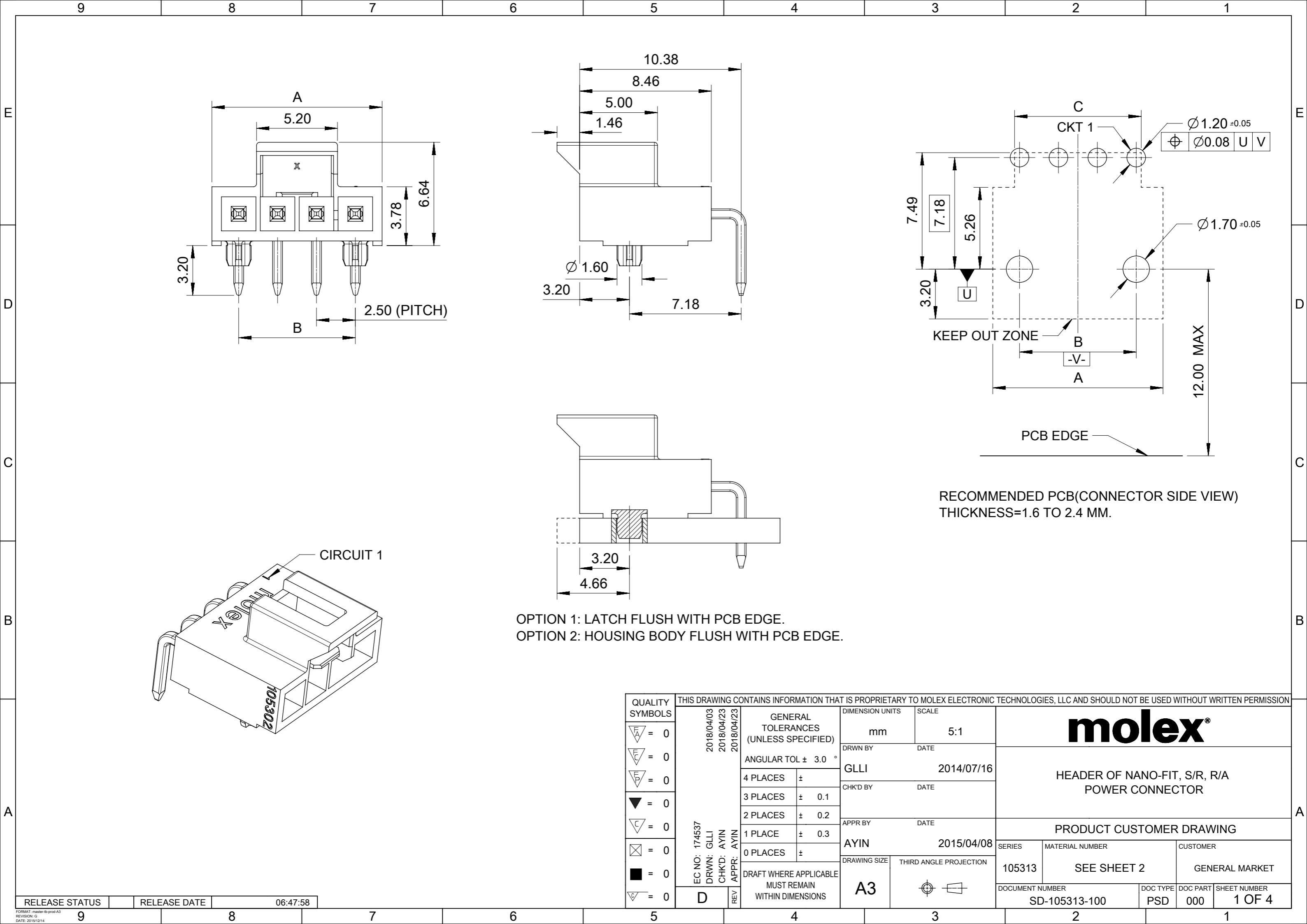


Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

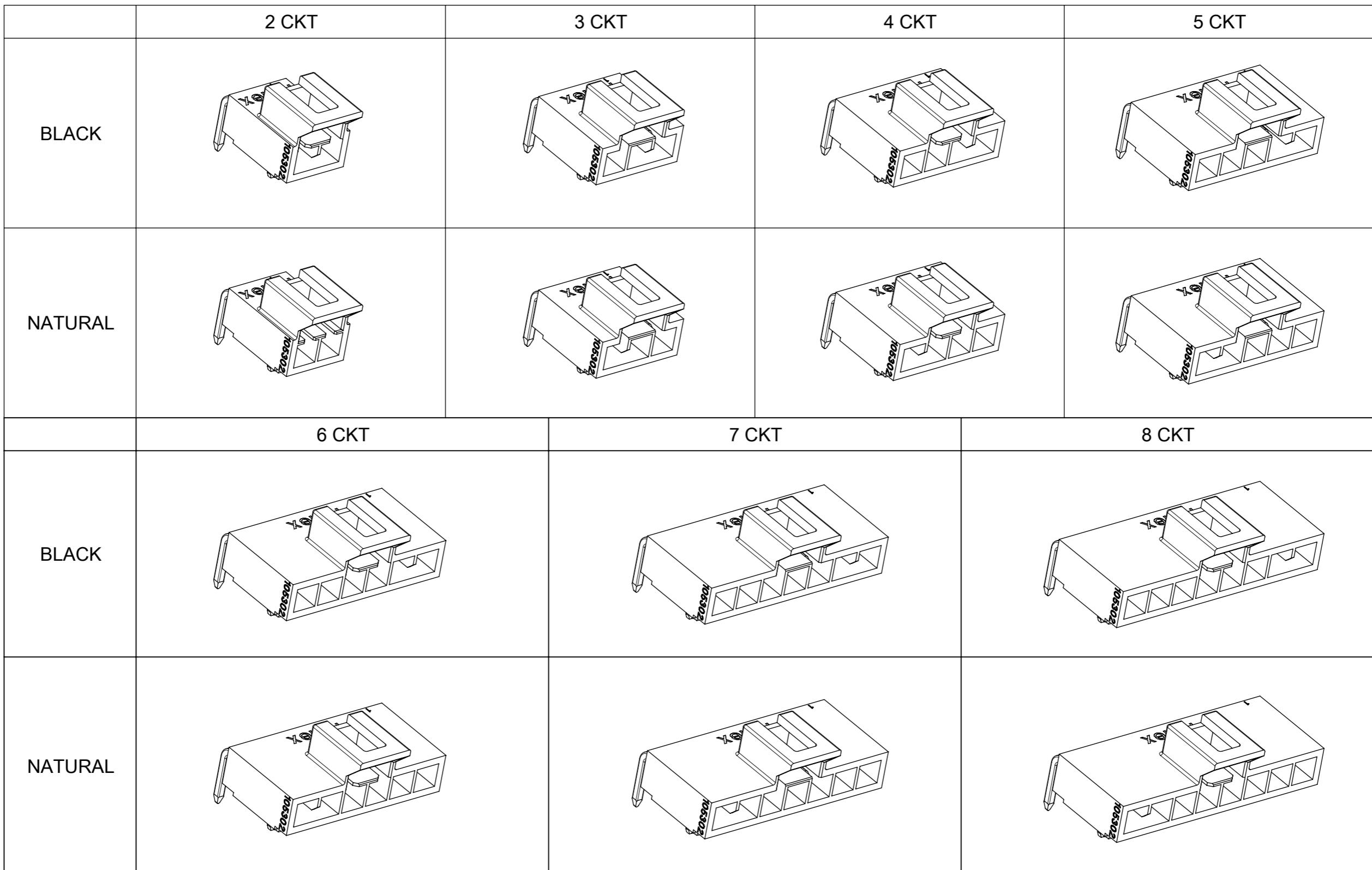
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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



9	8	7	6	5	4	3	2	1							
PART NUMBER	DIM 'A'	DIM 'B'	DIM 'C'	CKT SIZE	PLATING	LUBE	PART NUMBER	DIM 'A'	DIM 'B'	DIM 'C'	CKT SIZE	PLATING	LUBE		
105313-1102	5.94	2.50	3.14	2	TIN C	NO	2.24 REF 20.70 REF(WITH TPA) 18.30 REF(W/O TPA) 9.85 REF 3.50 MAX	105313-2102	5.94	2.50	3.14	2	TIN C	E	
105313-1103	8.44	5.00	5.64	3				105313-2103	8.44	5.00	5.64	3			
105313-1104	10.94	7.50	8.14	4				105313-2104	10.94	7.50	8.14	4			
105313-1105	13.44	10.00	10.64	5				105313-2105	13.44	10.00	10.64	5			
105313-1106	15.94	12.50	13.14	6				105313-2106	15.94	12.50	13.14	6			
105313-1107	18.44	15.00	15.64	7				105313-2107	18.44	15.00	15.64	7			
105313-1108	20.94	17.50	18.14	8				105313-2108	20.94	17.50	18.14	8			
105313-1202	5.94	2.50	3.14	2	GOLD 0.38	NO		105313-2202	5.94	2.50	3.14	2	GOLD 0.38	NO	
105313-1203	8.44	5.00	5.64	3				105313-2203	8.44	5.00	5.64	3			
105313-1204	10.94	7.50	8.14	4				105313-2204	10.94	7.50	8.14	4			
105313-1205	13.44	10.00	10.64	5				105313-2205	13.44	10.00	10.64	5			
105313-1206	15.94	12.50	13.14	6				105313-2206	15.94	12.50	13.14	6			
105313-1207	18.44	15.00	15.64	7				105313-2207	18.44	15.00	15.64	7			
105313-1208	20.94	17.50	18.14	8				105313-2208	20.94	17.50	18.14	8			
105313-1302	5.94	2.50	3.14	2	GOLD 0.76	YES	105313- * * * * CIRCUIT SIZE PLATING OPTION 1 - TIN 2 - GOLD 0.38 3 - GOLD 0.76 COLOR OPTION 1 - BLACK 2 - NATURAL	105313-2302	5.94	2.50	3.14	2	GOLD 0.76	D	
105313-1303	8.44	5.00	5.64	3				105313-2303	8.44	5.00	5.64	3			
105313-1304	10.94	7.50	8.14	4				105313-2304	10.94	7.50	8.14	4			
105313-1305	13.44	10.00	10.64	5				105313-2305	13.44	10.00	10.64	5			
105313-1306	15.94	12.50	13.14	6				105313-2306	15.94	12.50	13.14	6			
105313-1307	18.44	15.00	15.64	7				105313-2307	18.44	15.00	15.64	7			
105313-1308	20.94	17.50	18.14	8				105313-2308	20.94	17.50	18.14	8			
105313-1402	5.94	2.50	3.14	2	GOLD 0.76	YES		105313-2402	5.94	2.50	3.14	2	GOLD 0.76	C	
105313-1403	8.44	5.00	5.64	3				105313-2403	8.44	5.00	5.64	3			
105313-1404	10.94	7.50	8.14	4				105313-2404	10.94	7.50	8.14	4			
105313-1405	13.44	10.00	10.64	5				105313-2405	13.44	10.00	10.64	5			
105313-1406	15.94	12.50	13.14	6				105313-2406	15.94	12.50	13.14	6			
105313-1407	18.44	15.00	15.64	7				105313-2407	18.44	15.00	15.64	7			
105313-1408	20.94	17.50	18.14	8				105313-2408	20.94	17.50	18.14	8			
COLOR: BLACK							COLOR: NATURAL								

QUALITY SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
	2018/04/03 2018/04/23 2018/04/23	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS		SCALE		molex®			
			0	mm	3:1	DRWN BY				
	0	4 PLACES	±	GLLI	2014/07/16					
	0	3 PLACES	± 0.1	CHK'D BY	DATE					
	0	2 PLACES	± 0.2	APPR BY	DATE					
	0	1 PLACE	± 0.3	AYIN	2015/04/08	PRODUCT CUSTOMER DRAWING				
	0	0 PLACES	±	DRAWING SIZE	THIRD ANGLE PROJECTION	SERIES	MATERIAL NUMBER	CUSTOMER		
	0	D	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				GENERAL MARKET		
	0			A3		105313	SEE CHART	GENERAL MARKET		
						DOCUMENT NUMBER	SD-105313-100	DOC TYPE	PSD	
						DOC PART	000	SHEET NUMBER	2 OF 4	



QUALITY SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								
	2018/04/03 2018/04/23 2018/04/23	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE			
		ANGULAR TOL $\pm 3.0^\circ$		mm		3:1			
∇ = 0		DRWN BY		DATE		GLLI		2014/07/16	
∇_C = 0		CHK'D BY		DATE					
∇_P = 0		APPR BY		DATE		AYIN		2015/04/08	
∇ = 0		DRWN: GLLI		DATE					
∇_C = 0		CHK'D: AYIN		DATE		PRODUCT CUSTOMER DRAWING		GENERAL MARKET	
∇_P = 0		APPR: AYIN		DATE					
∇ = 0	EC NO: 174537	SERIES		MATERIAL NUMBER		SEE SHEET 2		GENERAL MARKET	
∇_C = 0	DRWN: GLLI	105313		DOCUMENT NUMBER					
∇_P = 0	CHK'D: AYIN	SD-105313-100		DOC TYPE		PSD		3 OF 4	
∇ = 0	APPR: AYIN	DRAWING SIZE		DOC PART					
∇_C = 0		A3		SHEET NUMBER		000			
∇_P = 0		3		1					
∇ = 0		REV		1					
∇_C = 0		D							
∇_P = 0		REV		4		3			
∇ = 0		DRAFT WHERE APPLICABLE		2		1			
∇_C = 0		MUST REMAIN WITHIN DIMENSIONS							
∇_P = 0									

molex®

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

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.

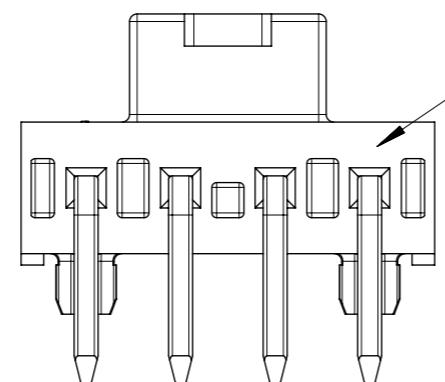
4> PACKAGE: TRAY, PK-105309-400.

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								
	2018/04/03 2018/04/23 2018/04/23	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE			
		ANGULAR TOL \pm 3.0°		mm		NTS			
∇ = 0		4 PLACES		\pm		DRWN BY DATE		HEADER OF NANO-FIT, S/R, R/A POWER CONNECTOR	
∇ = 0		3 PLACES		\pm 0.1		GLLI 2015/05/29			
∇ = 0		2 PLACES		\pm 0.2		CHK'D BY DATE			
∇ = 0		1 PLACE		\pm 0.3		APPR BY DATE			
∇ = 0		0 PLACES		\pm		JALEXANDER 2016/04/27			
∇ = 0	EC NO: 174537	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE		PRODUCT CUSTOMER DRAWING			
∇ = 0	DRWN: GLLI	A3		THIRD ANGLE PROJECTION		SERIES			
∇ = 0	CHK'D: AYIN	A3		105313		MATERIAL NUMBER			
∇ = 0	APPR: AYIN	SEE SHEET 2		CUSTOMER		GENERAL MARKET			
∇ = 0		DOCUMENT NUMBER		DOC TYPE		DOC PART			
		SD-105313-100		PSD		000			
		SHEET NUMBER		4 OF 4					