



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!



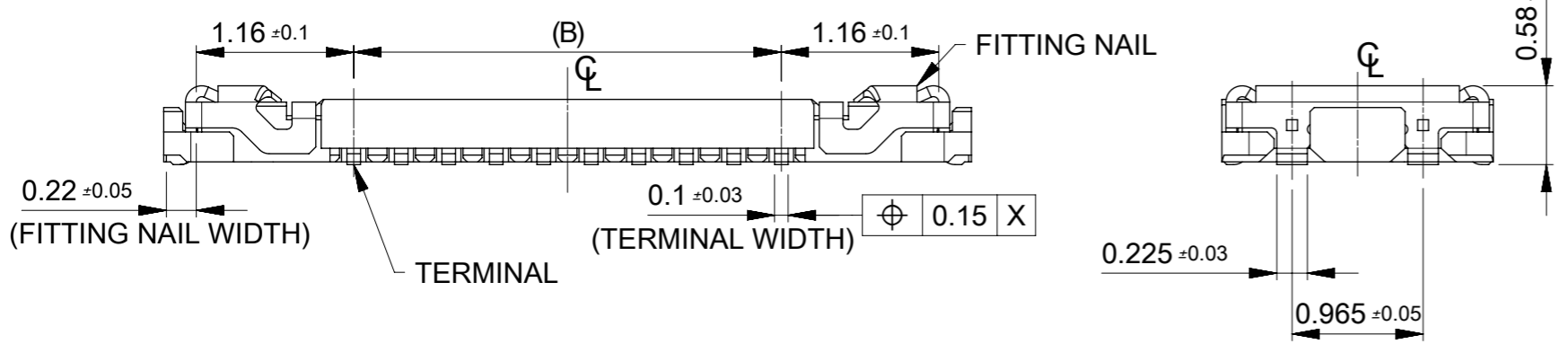
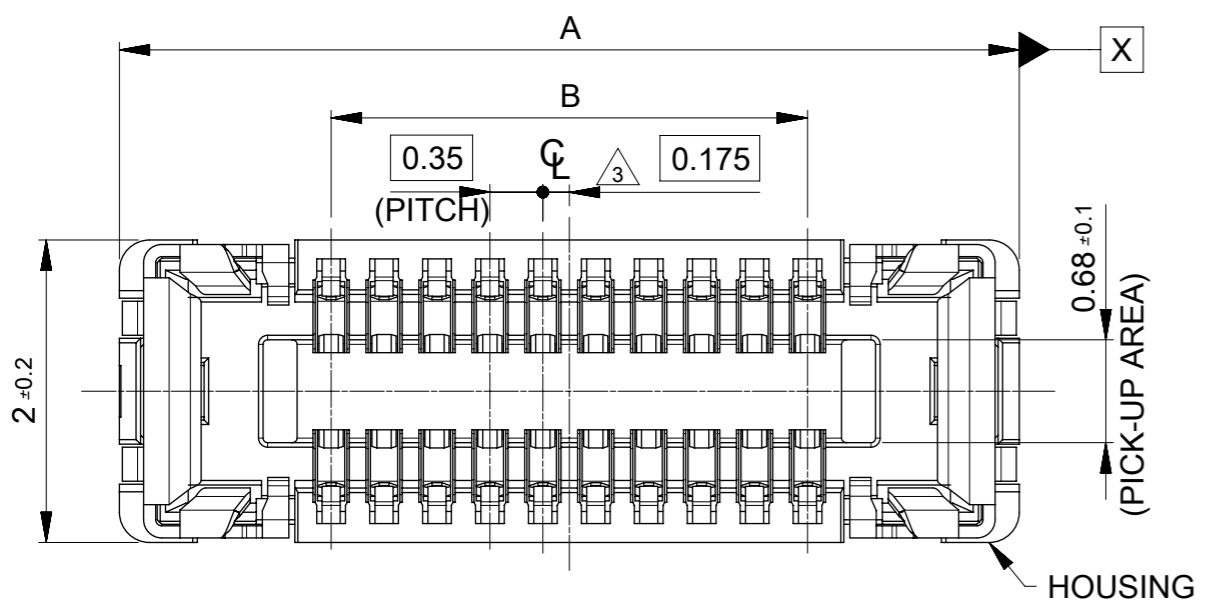
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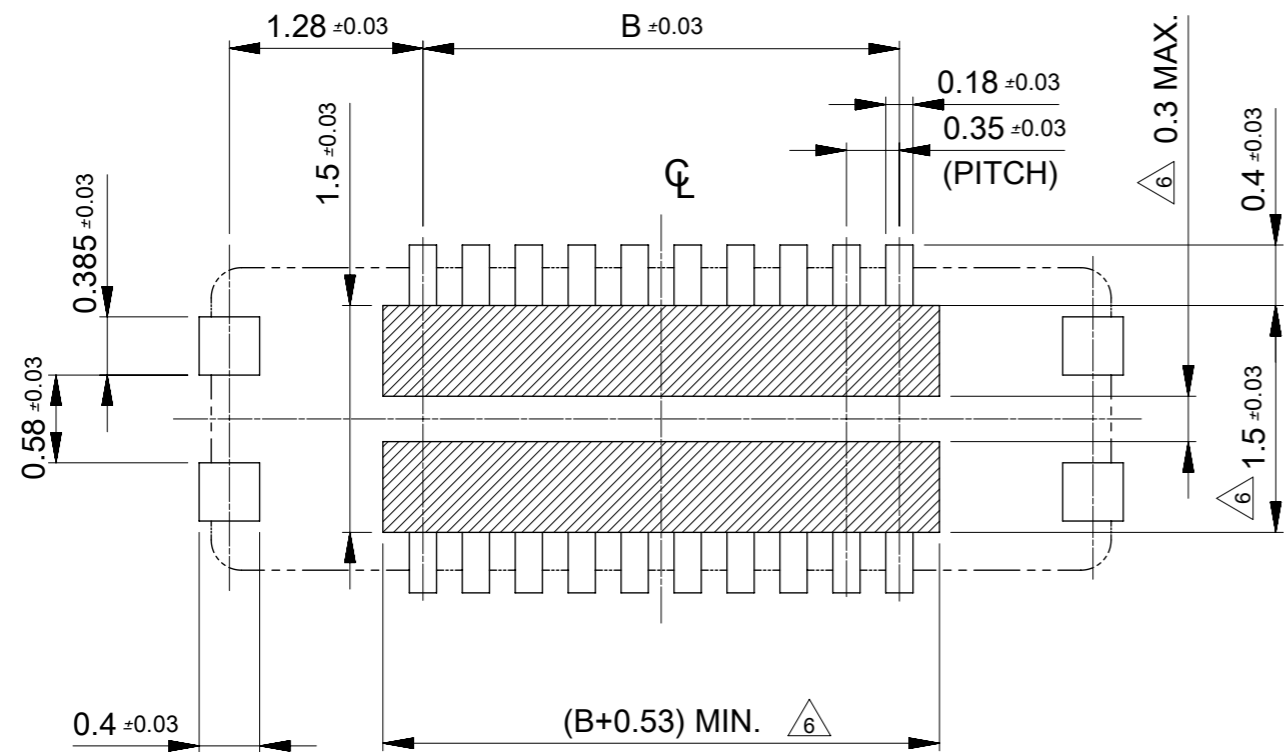
NOTES

- 1 MATERIAL
 WAFER: LIQUID CRYSTAL POLYMER UL94V-0 (COLOR: BLACK)
 TERMINAL: COPPER ALLOY
 FITTING NAIL: COPPER ALLOY
- 2 PLATING
 TERMINAL:
 CONTACT AREA: SEPARATED GOLD PLATING (0.1 MICROMETER MINIMUM).
 SOLDER TAIL AREA: SEPARATED GOLD PLATING.
 UNDERPLATE: NICKEL OVERALL.
 *DIVIDE INTO PARTS THE GOLD PLATING OF THE CONTACT AND THE TAIL PART BY THE NICKEL PLATING.
 FITTING NAIL:
 CONTACT AREA: SEPARATED GOLD PLATING (0.1 MICROMETER MINIMUM).
 SOLDER TAIL AREA: SEPARATED GOLD PLATING.
 UNDERPLATE: NICKEL OVERALL.
 *DIVIDE INTO PARTS THE GOLD PLATING OF THE CONTACT AND THE TAIL PART BY THE NICKEL PLATING.
 *EVEN THOUGH GOLD PLATING ON THE TOP SURFACE OF NAIL MIGHT BE THIN, NO FUNCTIONAL PROBLEM.
- 3 APPLY FOR (CIRCUIT/2)=EVEN.
- 4 MATE WITH : 505070-**10/505070-**20
- 5 TAIL AND FITTING NAIL COPLANARITY TO BE 0.08 MAXIMUM.
- 6 PROHIBITED AREA OF PATTERN WIRING AND SOLDER.
 (FOR EACH AREA, THE WIRING THAT TOUCHES ON THE SOLDER CAN BE ATTACHED, THEN COVERED WITH A FILM TO KEEP SOLDER OUT).
- 7 ELV and RoHS COMPLIANT.

11.90	14.70	505066-7020	---	---	70
10.85	13.65	505066-6420	---	---	64
10.15	12.95	505066-6020	---	---	60
9.80	12.60	505066-5820	---	---	58
9.10	11.90	505066-5420	○	---	54
8.40	11.20	505066-5020	○	---	50
8.05	10.85	505066-4820	○	---	48
7.70	10.50	505066-4620	---	---	46
7.00	9.80	505066-4220	○	---	42
6.65	9.45	505066-4020	○	---	40
6.30	9.10	505066-3820	---	---	38
5.60	8.40	505066-3420	○	---	34
4.90	7.70	505066-3020	○	---	30
3.85	6.65	505066-2420	○	---	24
3.50	6.30	505066-2220	○	---	22
3.15	5.95	505066-2020	○	---	20
2.80	5.60	505066-1820	---	---	18
2.45	5.25	505066-1620	○	---	16
2.10	4.90	505066-1420	○	---	14
1.75	4.55	505066-1220	○	---	12
1.40	4.20	505066-1020	○	---	10
1.05	3.85	505066-0820	---	○	8
0.70	3.50	505066-0620	○	---	6
B	A	EMBOSSED TAPE PACKAGE	HIGH VOL. TOOL	LOW VOL. TOOL	CIRCUIT
		ORDER NO.	SAMPLE PREPARATION ○ : TOOLED △ : WORK IN PROCESS --- : TOOLING TO BE CONFIRMED		
CONNECTOR SERIES No. : 505066-**09					

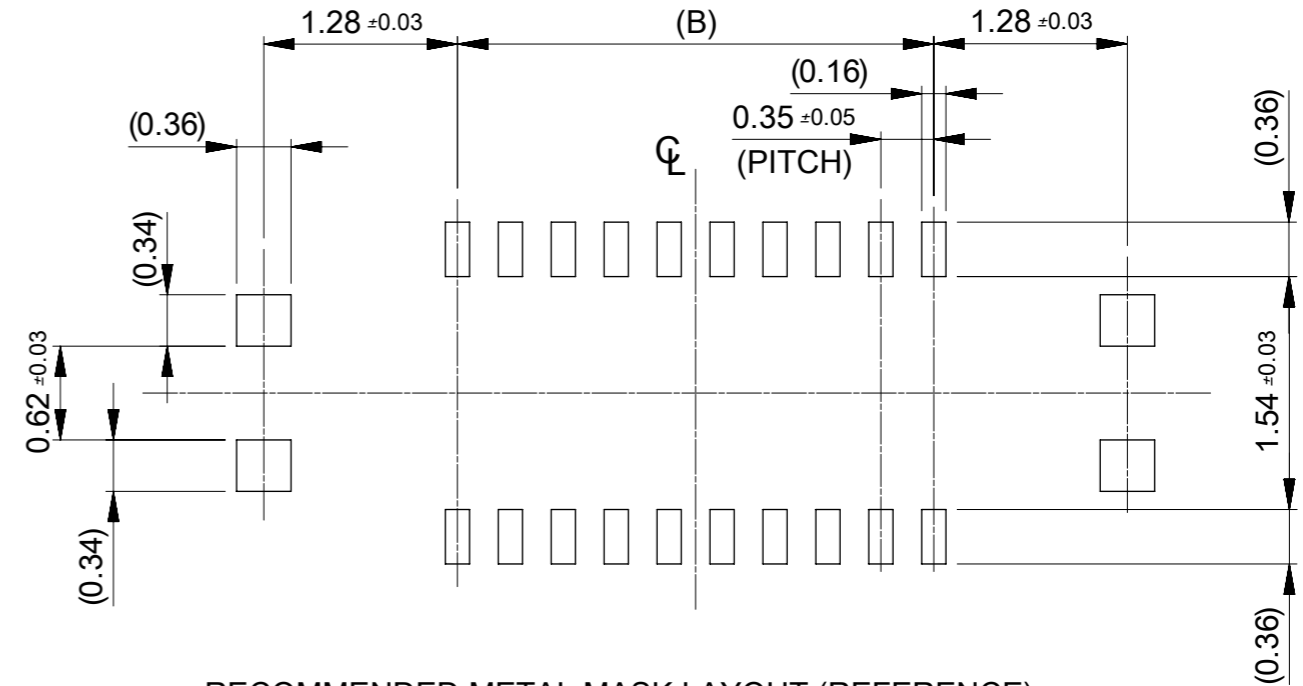
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

REVISED	2016/12/06	DRWN: TSOMEYA	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS	SCALE			
	2016/12/06	CHK'D: TASAKAWA		MM	20:1			
	2016/12/06	APPR: TKUSUHARA01		ANGULAR TOL ± 1.0 °	DRWN BY		DATE	
	EC NO: 111141	REV		4 PLACES	± 0.001		TSOMEYA	2016/06/21
				3 PLACES	± 0.003		CHK'D BY	DATE
2 PLACES			± 0.03	KTANAKA03	2016/12/01			
1 PLACE			± 0.1	APPR BY	DATE			
		0 PLACES	± 0.2	TKUSUHARA01	2016/12/01			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRAWING SIZE	THIRD ANGLE PROJECTION	PRODUCT CUSTOMER DRAWING SERIES: 505066 MATERIAL NUMBER: SEE CHART CUSTOMER: GENERAL		
A3				DOCUMENT NUMBER	DOC TYPE		DOC PART	SHEET NUMBER
				5050661000	PSD		001	1 OF 2



RECOMMENDED P.W. BOARD PATTERN LAYOUT (REFERENCE)

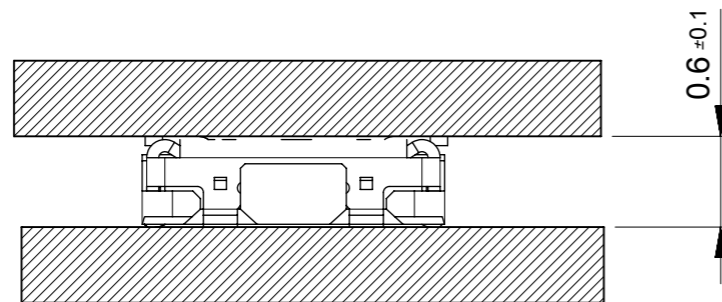
△ PROHIBITED AREA OF PATTERN WIRING AND SOLDER
 (FOR EACH AREA, THE WIRING THAT TOUCHES ON THE SOLDER CAN BE ATTACHED, THEN COVERED WITH A FILM TO KEEP SOLDER OUT)



RECOMMENDED METAL MASK LAYOUT (REFERENCE)

RECOMMENDED THICKNESS OF METAL MASK : t=0.08mm

RECOMMENDED OPEN APERTURE RATIO OF METAL MASK : 80%



MATED CONDITION

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REVISED	EC NO: 111141	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS	SCALE	molex [®]			
	2016/12/06	ANGULAR TOL ± 1.0 °	MM	20:1				0.35 BB CONN. H=0.6 SSB6 RP REC ASSY
	DRWN: TSOMEYA	4 PLACES ± 0.001	DRWN BY	DATE	PRODUCT CUSTOMER DRAWING			
	2016/12/06	3 PLACES ± 0.003	TSOMEYA	2016/06/21				SERIES
CHK'D: TASAKAWA	2 PLACES ± 0.03	1 PLACE ± 0.1	CHK'D BY	DATE	505066	SEE CHART	GENERAL	
2016/12/06	0 PLACES ± 0.2	0 PLACES ± 0.2	KTANAKA03	2016/12/01	DOCUMENT NUMBER			
APPR: TKUSUHARA01	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	TKUSUHARA01	2016/12/01	5050661000	DOC TYPE	DOC PART	SHEET NUMBER
B			DRAWING SIZE	THIRD ANGLE PROJECTION		PSD	001	2 OF 2
			A3					