



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

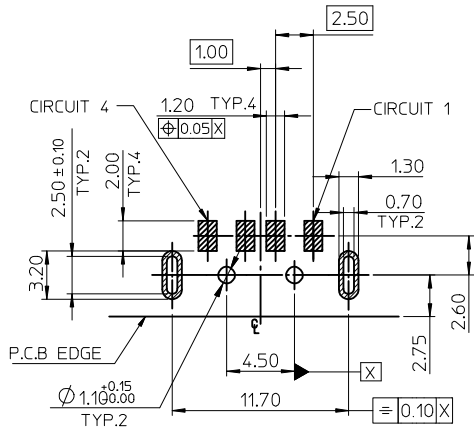
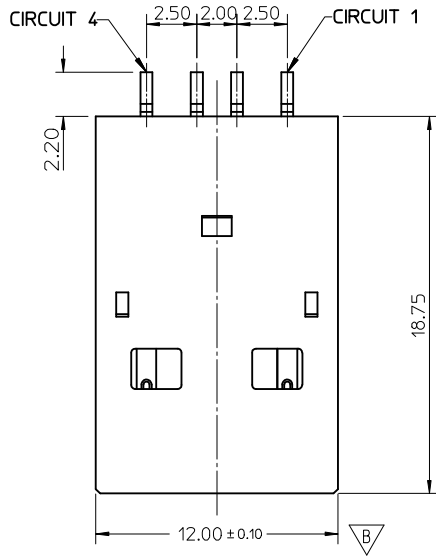
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

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

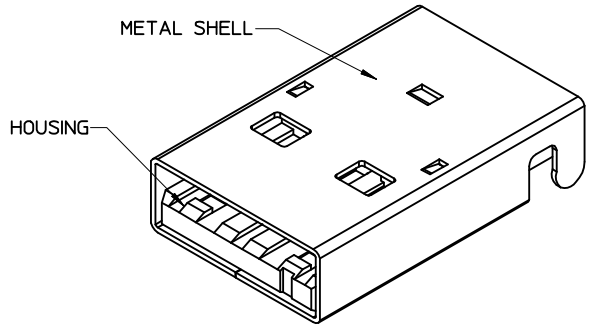
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



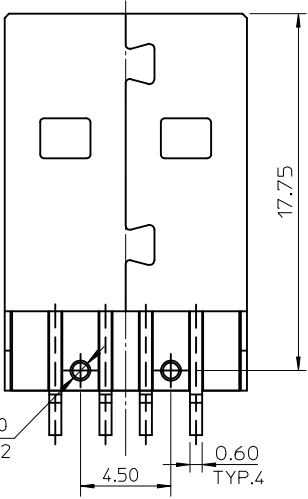
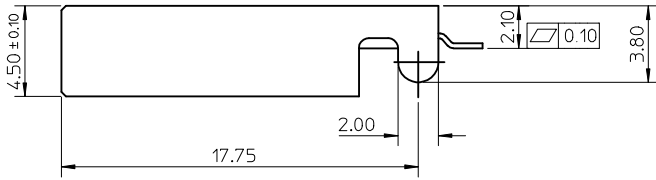
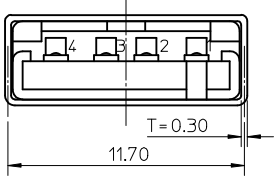
10 9 8 7 6 5 4 3 2 1



RECOMMEND P.C.B LAYOUT  
GENERAL TOLERANCE  $\pm 0.05$



- NOTES:
- MATERIAL:  
HOUSING: NYLON 46, GLASS FIBER FILLED, UL94V-0, COLOR: BLACK.  
SHELL: COLD ROLLED STEEL.  
TERMINAL: BRASS.
  - FINISH:  
TERMINAL:  
SELECTIVE GOLD(Au) IN CONTACT AREA, THICKNESS=30 MICROINCH MINIMUM;  
SELECTIVE TIN(Sn) IN SOLDER TAIL AREA, THICKNESS=120 MICROINCH MINIMUM;  
NICKEL(Ni) OVERALL.  
METAL SHELL:  
NICKEL(Ni) OVERALL,  
UNDER PLATED: COPPER(Cu) OVERALL, THICKNESS=50 MICROINCH MINIMUM.
  - RECOMMENDED PCB THICKNESS:  $1.6\text{mm} \pm 0.05$ .
  - PRODUCT SPECIFICATION REFERS TO PS-48037-001.
  - PACKAGE SPECIFICATION REFERS TO PK-48037-210.
  - TEST SUMMARY REFERS TO TS-48037-001.
  - COPLANARITY TO BE  $0.10\text{mm}$  MAX.
  - LEAD FREE AND RoHS COMPLIANT PRODUCT.
  - DATE CODE:  
X X X X X  
YEAR WEEK DAY



REVISED EC NO: SH2009-0435 DRWN: LWZHOU 2008/12/29 CHKD: QMZHANG02 2008/12/29 APPR: HMWANG 2009/01/09	QUALITY SYMBOLS $\nabla = 0$ $\triangle = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			mm	INCH	DRAWN BY TOM	DATE 2006/02/15	TITLE USB A TYPE PLUG SMT TYPE STR SHELL LEG(3.8MM) (LEAD-FREE VERSION)	
		4 PLACES	$\pm$ ---	$\pm$ ---	CHECKED BY ROGER TSAI	DATE 2006/02/15	MOLEX INCORPORATED	
		3 PLACES	$\pm$ ---	$\pm$ ---	APPROVED BY ALLEN LIN	DATE 2006/02/15	DOCUMENT NO. SD-48037-004	SHEET NO. 1 OF 1
			2 PLACES	$\pm 0.25$	$\pm$ ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		
			1 PLACE	$\pm 0.25$	$\pm$ ---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
			ANGULAR $\pm 3^\circ$					

9 8 7 6 5 4 3 2 1