



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

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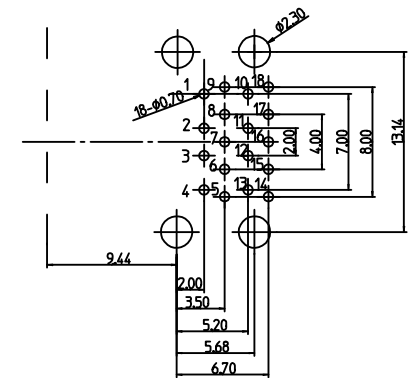
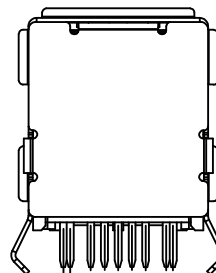
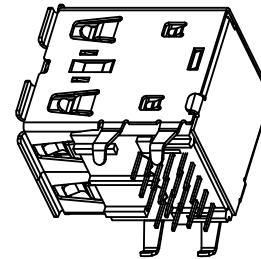
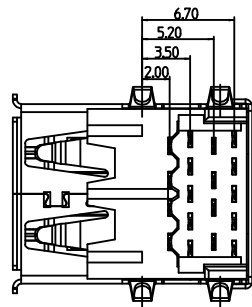
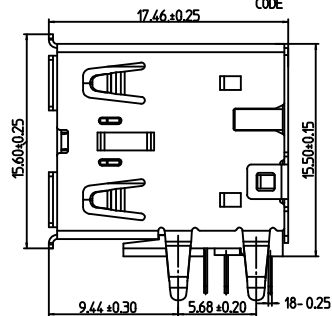
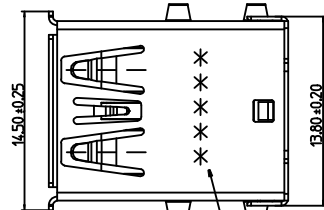
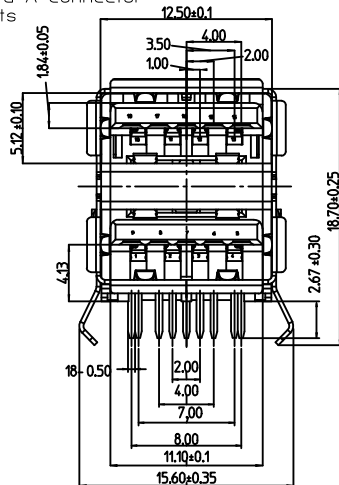
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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



Pin Number	Signal Name	Description
1,10	VBUS	Power
2,11	D-	USB2.0 differential pair
3,12	D+	
4,13	GND	Ground for power return
5,14	StdA_SSRX-	SuperSpeed receiver differential pair
6,15	StdA_SSRX+	
7,16	GND_DRAIN	Ground for signal return
8,17	StdA_SSTX-	SuperSpeed transmitter differential pair
9,18	StdA_SSTX+	
Shell	Shield	Connector metal shell

USB3.0 Standard-A Connector
Pin Assignments



RECOMMEND P.C.B LAYOUT(THICKNESS=1.2mm)
(COMPONENT SIDE) TOLERANCE=±0.05

NOTES:
1 MATERIAL:
HOUSING: THERMOPLASTIC, GLASS FIBER FILLED,
HALOGEN FREE, UL94-HB, COLOR: BLUE.
COVER: THERMOPLASTIC, GLASS FIBER FILLED,
HALOGEN FREE, UL94-HB, COLOR: BLUE.
USB2.0 CONTACT/SHORT PIN/LONG PIN: COPPER ALLOY.
USB3.0 CONTACT/SHORT PIN/LONG PIN: COPPER ALLOY.
SHELL: STAINLESS STEEL.
IN CLIP SHELL: STAINLESS STEEL.
BACK SHELL: SPCC
2 FINISH:
CONTACT:
SELECTIVE GOLD(AU) IN CONTACT AREA(SEE TABLE)
SELECTIVE MATTE TIN(SN) ALLOY IN SOLDER TAIL AREA
THICKNESS=120 MICRONCH MINIMUM.
NICKEL(NI) OVERALL THICKNESS=80 MICRONCH MINIMUM.
SHELL:
NICKEL(NI) OVERALL THICKNESS=30 MICRONCH MINIMUM.
BACK SHELL:
NICKEL(NI) OVERALL THICKNESS=80 MICRONCH MINIMUM.
3. PRODUCT SPECIFICATION REFERS TO PS-48406-001
4. PACKAGE SPECIFICATION REFERS TO PK-48406-001
5. TEST SUMMARY REFERS TO TS-48406-001
6. LEAD FREE AND RoHS COMPLIANT PRODUCT.
7. DATE CODE: X X X X X
YEAR WEEK DAY

TABLE

PLATING	MOLEX P/N
30u" Au	48406-0001
2u" Au & 30u" Pd-Ni	48406-0002
15u" Au	48406-0003
GOLD FLASH(3u" Au MIN.)	48406-0004

REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE 1:1	DESIGN UNITS	THIRD ANGLE PROJECTION
			mm	INCH	DRAWN BY	DATE			
A	RELEASE EC NO: DRWN: FYANG05 2013/10/20 CHKD: APPR:	▽=0 ▽=0 ▽=0	4 PLACES ±	±	RUBY	2013.9.22	TITLE USB 3.0 CONNECTOR A	RECEPTACLE DOUBLE 90° DIP TYPE(H=4.13)	
			3 PLACES ±	±	CHECKED BY	DATE	MOLEX MOLEX INCORPORATED		
			2 PLACES ±	0.20	FYANG	2013.9.22	DOCUMENT NO. SD-48406-001		
			1 PLACE ±	0.25	APPROVED BY	DATE	SHEET NO. 1 OF 1		
			ANGULAR ± °		RZHANG	2013.9.22	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE				
					SIZE A3				