



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



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

**USB3.0 Standard-A Connector
Pin Assignments**

NOTES:

1.MATERIAL:

HOUSING: THERMOPLASTIC, GLASS FIBER FILLED,
HALOGEN FREE, COLOR: BLUE UL94-HB,
OR BLACK UL94-V0,

COVER: THERMOPLASTIC, GLASS FIBER FILLED,
HALOGEN FREE, COLOR:BLUE UL94-HB,
OR BLACK UL94-V0,

USB2.0 CONTACT: COPPER ALLOY.

USB3.0 CONTACT: COPPER ALLOY.

SHELL: STAINLESS STEEL.

2.FINISH:

CONTACT:

SELECTIVE GOLD(Au) IN CONTACT AREA(SEE TABLE)

SELECTIVE MATTE TIN(Sn) ALLOY IN SOLDER TAIL

AREA THICKNESS=120 MICROINCH MINIMUM.

NICKEL(Ni) OVERALL THICKNESS=80 MICROINCH
MINIMUM.

SHELL:NICKEL(Ni) OVERALL THICKNESS=30 MICROINCH
MINIMUM.

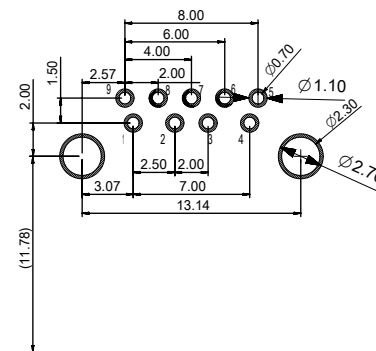
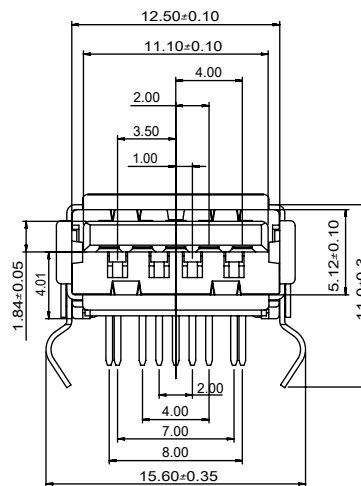
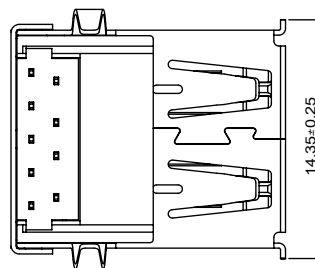
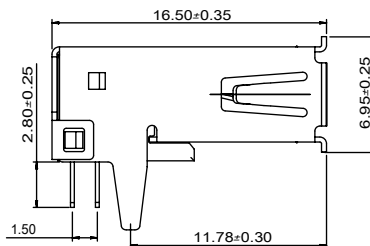
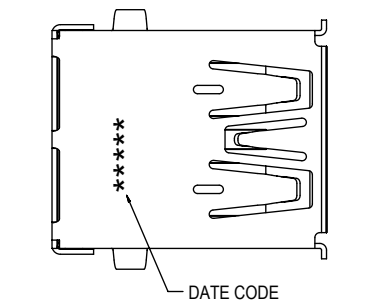
3. PRODUCT SPECIFICATION REFERS TO PS-48405-001

4. PACKAGE SPECIFICATION REFERS TO PK-48405-001

5. TEST SUMMARY REFERS TO TS-48405-001

6. LEAD FREE AND RoHS COMPLIANT PRODUCT.

7. DATE CODE: $\begin{matrix} X & X & X & X & X \\ | & | & | & | & | \\ \text{YEAR} & \text{WEEK} & \text{DAY} & & \end{matrix}$



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

TABLE

MOLEX P/N	PLATING
48405-0001	30u" Au Min
48405-0002	2u" Au & 30u" Pd-Ni
48405-0003	15u" Au Min
48405-0004	GOLD FLASH(30u" Au MIN.)

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

CORRECT CH TO 4.01 EC NO: 106879 DRWN: FYANG05 CHK'D: REV	2016/06/26	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS	SCALE	molex USB3.0 A TYPE,T/H RIGHT ANGLE CONTACT HEIGHT:4.01			
	2016/10/18		MM	1:1				
	REV		ANGULAR TOL ±	DRWN BY		DATE		
	APPR: RZHANG		4 PLACES ±	FYANG05		2013/10/19		
		3 PLACES ±	CHK'D BY	DATE	PRODUCT CUSTOMER DRAWING			
		2 PLACES ± 0.2	APPR BY	DATE				
		1 PLACE ± 0.25	DRAWING SIZE	THIRD ANGLE PROJECTION	SERIES	MATERIAL NUMBER	CUSTOMER	
		0 PLACES ±	A4		48405	SEE TABLE	GENERAL MARKET	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
					SD-48405-001	PSD	000	1 OF 1

RELEASE STATUS	RELEASE DATE
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