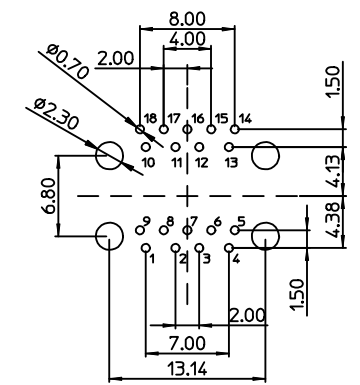
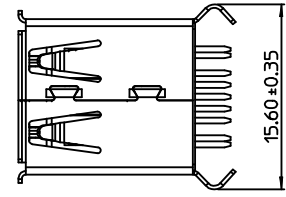
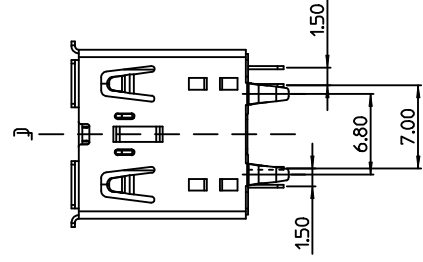
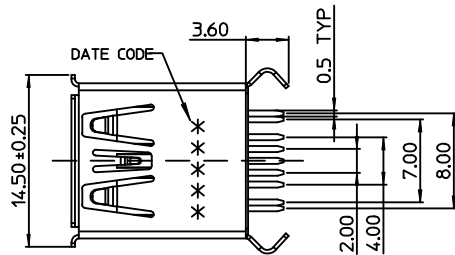
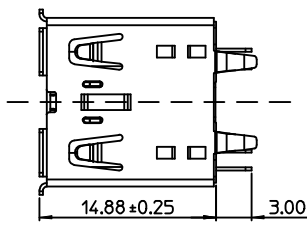
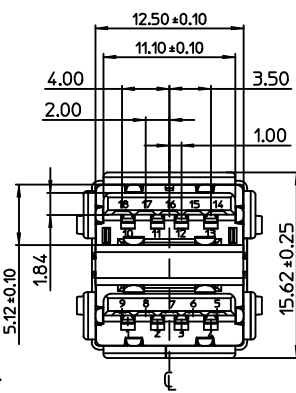
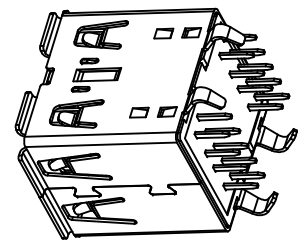


Pin Number	Signal Name	Description
1,10	VBUS	Power
2,11	D-	USB2.0 differential pair
3,12	D+	
4,13	GND	Ground for power return
5,14	StdA_SSRX-	SuperSpeed receiver differential pair
6,15	StdA_SSRX+	
7,16	GND_DRAIN	Ground for signal return
8,17	StdA_SSTX-	SuperSpeed transmitter differential pair
9,18	StdA_SSTX+	
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.
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.
IN CLIP SHELL:
NICKEL(Ni) OVERALL THICKNESS=30 MICROINCH MINIMUM.
3. PRODUCT SPECIFICATION REFERS TO PS-48409-001
4. PACKAGE SPECIFICATION REFERS TO PK-48409-001
5. TEST SUMMARY REFERS TO TS-48409-001
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	48409-0001
2u" Au & 30u" Pd-Ni	48409-0002
15u" Au	48409-0003
GOLD FLASH(3u" Au MIN.)	48409-0004

RELEASE EC NO: A	REV	DESCRIPTION DRWN: FYANG05 2013/10/20 CHKD: APPR:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE 1:1	DESIGN UNITS	THIRD ANGLE PROJECTION	
			F=0	mm INCH	DRAWN BY RUBY DATE 2013.9.22	TITLE	USB 3.0 CONNECTOR A RECEPTACLE DOUBLE 180° VERTICAL		
			F=0	4 PLACES ±	CHECKED BY FYANG DATE 2013.9.22	APPROVED BY RZHANG DATE 2013.9.22		molex MOLEX INCORPORATED	
			F=0	2 PLACES ± 0.20	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-48409-001	SHEET NO. 1 OF 1		
			1 PLACE ± 0.25	ANGULAR ± °	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						