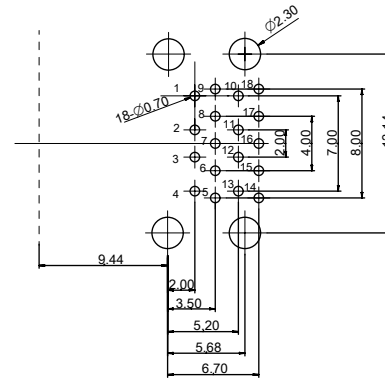
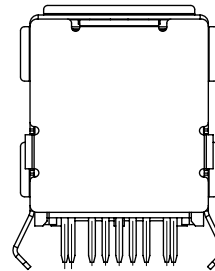
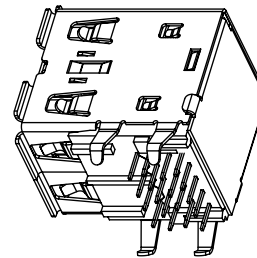
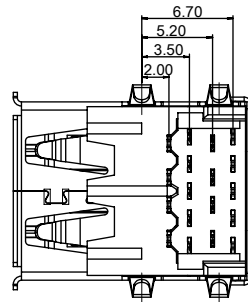
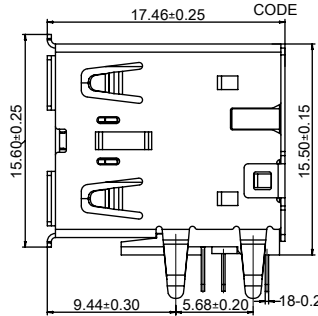
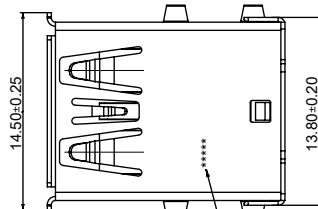
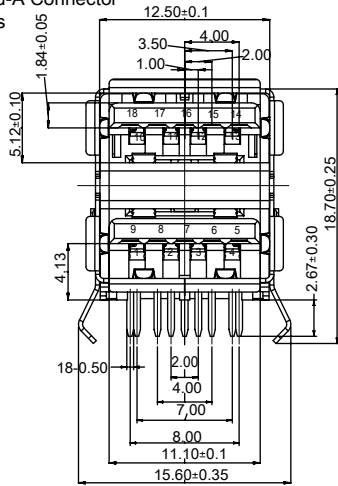


Pin Number	Signal Name	Description
1,10	VBUS	Power
2,11	D-	USB2.0 differential pair
3,12	D+	
4,13	GND	Ground for power return
5,14	StdA_SSRX-	SuperSpeed receiver differential pair
6,15	StdA_SSRX+	
7,16	GND_DRAIN	Ground for signal return
8,17	StdA_SSTX-	SuperSpeed transmitter differential pair
9,18	StdA_SSTX+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

- 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.
MAIN SHELL: STAINLESS STEEL.
IN CLIP SHELL: STAINLESS STEEL.
BACK SHELL: STAINLESS STEEL.
- 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.
MAIN SHELL:
NICKEL (Ni) OVERALL THICKNESS=30 MICROINCH MINIMUM.
BACK SHELL:
CLEANING.
- PRODUCT SPECIFICATION REFERS TO PS-48406-001
- PACKAGE SPECIFICATION REFERS TO PK-48406-001
- TEST SUMMARY REFERS TO TS-48406-001
- LEAD FREE AND RoHS COMPLIANT PRODUCT.
- DATE CODE:

X	X	X	X
YEAR	WEEK	DAY	

TABLE

	PLATING	MOLEX P/N
	30u" Au	48406-0001
	15u" Au	48406-0003
	-	-
	-	-

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

DIMENSION UNITS	SCALE	CURRENT REV DESC: OBSOLETE PART NUMBERS AS PER PCN#508521		
mm	1:1	<p>molex</p> <p>USB3.0 A TYPE, T/H DOUBLE STACK, R/A CONTACT HEIGHT: 4.13</p> <p>PRODUCT CUSTOMER DRAWING</p>		
GENERAL TOLERANCES (UNLESS SPECIFIED)				
ANGULAR TOL ± 3.0°				
4 PLACES	±			
3 PLACES	±			
2 PLACES	± 0.2	EC NO: 667388	2021/04/20	
1 PLACE	± 0.25	DRWN: SKANDB	2021/07/05	
0 PLACES	±	CHK'D: GGA	2021/07/05	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: GGA	2021/07/05	
FIRST ANGLE PROJECTION		INITIAL REVISION:	DOCUMENT NUMBER	DOC TYPE
DRAWING		DRWN: FYANG05	SD-48406-001	PSD
SERIES		APPR: RZHANG	001	B1
MATERIAL NUMBER		48406	GENERAL MARKET	SHEET NUMBER
CUSTOMER		SEE TABLE	1 OF 1	

DOCUMENT STATUS	P1	RELEASE DATE	2021/07/05	08:39:23
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