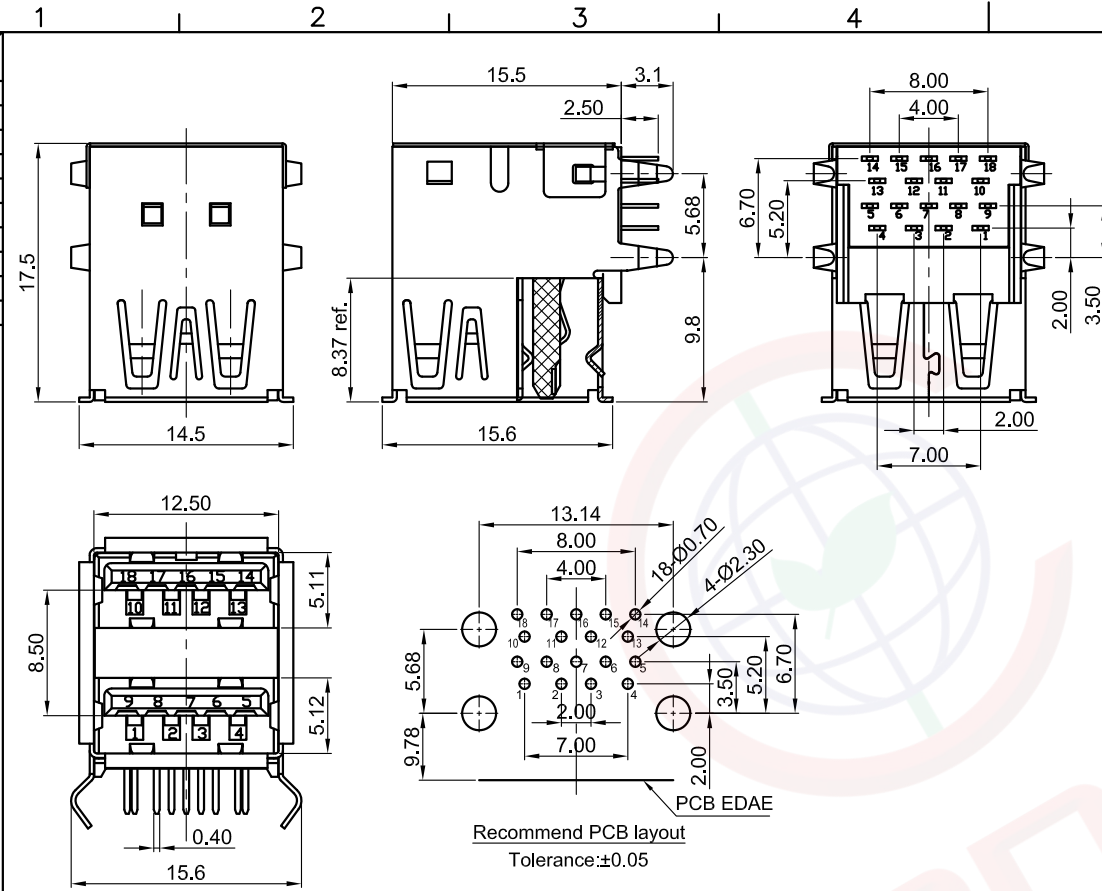


Dept Qty  
 DC 1  
 ED 1  
 IE 1  
 ISO 1  
 PD 1  
 R&D 1  
 SD 1  
 QA 1  
 QC 1  
 QE 1

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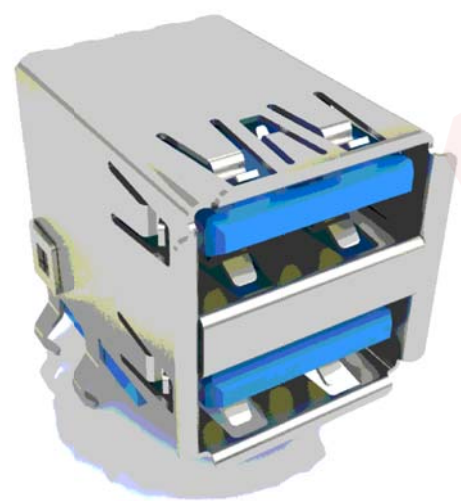
REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	YCH 03/16/12'		LJC 09/04/10'
B	DRAWING UPDATE	JLZ 03/23/17'		
C	DRAWING UPDATE	JLZ 12/08/23'		

Notes:  
 Specifications:  
 1. Contact Resistance: Contact resistance: 30mΩ(max.) Initial for VBUS and GND contacts, 50mΩ(max.) Initial for all other contacts.  
 2. Insulation Resistance: 1000MΩ Min.  
 3. Dielectric Withstanding Voltage: 100V AC(rms) For 1 Minute.  
 4. Current Rating: 1.8A for VBUS PIN and its corresponding GND PIN. 0.25A (Min.) For all other contacts  
 5. Voltage Rating: 30V Max  
 6. Temperature: -40°C~+85°C.

Materials:  
 1. Contact Material: Copper Alloy.  
 2. Shell Material: Copper Alloy.  
 3. Insulator Material: Thermoplastic.

Product Number Code:  
 DS1096-01 - X X X X

Contact plating  
 0: Selective Gold Flash  
 03: Selective Gold 3u"  
 30: Selective Gold 30u"  
 Shell plating  
 N: Nickel  
 Color of housing:  
 L: Blue  
 W: White  
 B: Black



(Series Image-Reference Only)

USB 3.0 Pin assignments

Pin #	Signal name	Description	Mating sequence
1&10	VBUS	Power	Second
2&11	D-	USB 2.0	Third
3&12	D+	Differential pair	
4&13	GND	Ground for power return	Second
5&14	StdA_SSRX-	Superspeed receiver differential pair	Last
6&15	StdA_SSRX+		
7&16	GND_DRAIN	Ground for signal return	
8&17	StdA_SSTX-	Superspeed transmitter differential pair	Frist
9&18	StdA_SSTX+		
Shell	Shield	Connector metal shell	

GENERAL TOLERANCE	ANGLE TOLERANCE
X. ±0.60	X. ±5°
.X ±0.38	.X ±3°
.XX ±0.25	.XX ±2°

PROJECTION	TITLE
	USB 3.0 Stack 18 Pin Female Right Angle Type
UNITS	mm
SHEET SIZE	A4
SERIES	DS1096-01 SERIES

DRAWING TYPE	CUSTOMER
SCALE	1:1 SHEET 1 OF 1
DRAWING NO.	C-DS1096-01-XXX-C

**晨翔电子有限公司**  
**CONNELY CONNELY ELECTRONIC CO. LTD**