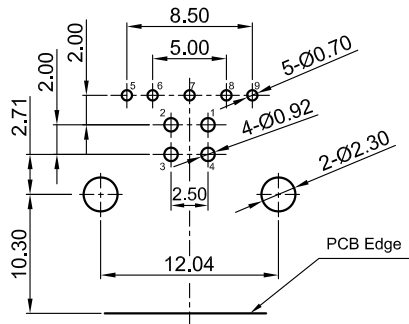
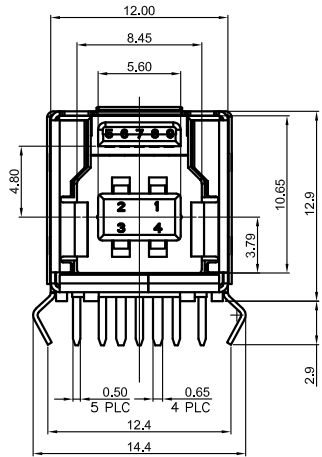
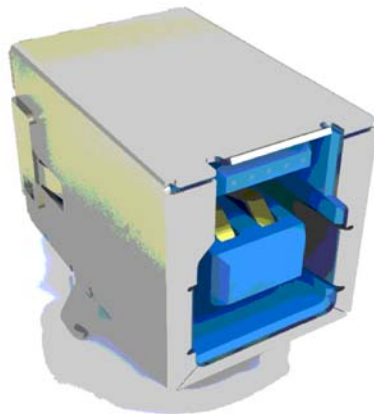


Dept	
Qty	
DC	1
ED	1
IE	1
ISO	1
PD	1
R&D	1
SD	1
QA	1
QC	1
QE	1

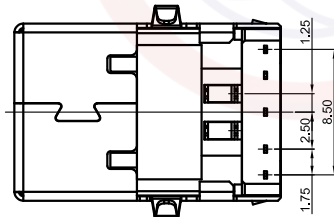
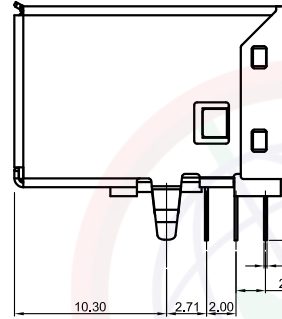
The information provided herein is from CONNELY Electronic Co., Ltd. and is confidential. Any disclosure to a party other than the recipient is prohibited. The intellectual properties and its rights contained herein, including but not limited to, trademarks, patents, copyrights, trade secrets, and technical know-how, are owned exclusively by CONNELY or its affiliates. Unauthorized use or modification is strictly prohibited. CONNELY may enforce its intellectual property rights at its own discretion; failures or delays to exercise such rights does not constitute a waiver of such rights.



Recommend PCB layout
Tolerance:±0.05



(Series Image-Reference Only)



REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	YCH 09/04/10'		LJC 09/04/10'
B	DRAWING UPDATE	JLZ 12/18/18'		
C	DRAWING UPDATE	JLZ 08/14/24'		

Notes:

Specifications:

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

Materials:

- Contact Material: Copper Alloy.
- Shell Material: Copper Alloy.
- Insulator Material: Thermoplastic.

Product Number Code:

DS1099-02 - 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

USB 3.0 Pin assignments

Pin #	Signal name	Description	Mating sequence
1	VBUS	Power	Second
2	D-	USB 2.0 Differential pair	Third
3	D+		
4	GND	Ground for power return	Second
5	StdA_SSRX-	Superspeed receiver differential pair	Last
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	Frist

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

PROJECTION		TITLE	USB 3.0 B TYPE Female R/A DIP Type
UNITS	mm		
SHEET SIZE	A4	SERIES	DS1099-02 SERIES

DRAWING TYPE	CUSTOMER		
SCALE	1:1	SHEET	1 OF 1
DRAWING NO.	C-DS1099-02-XXX-C		

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