

PCB LAYOUT

NOTES:

1. Material:

Housing: PBT Glass Fibre UL 94V-0.
 Color: Black.
 Contact: Brass T=0.25mm.
 Plating: Gold Plating over Nickel on Contact Area,
 Tin Plating on Solder Tail.
 Shield: Iron T=0.30mm.
 Plating: Nickel Plating.

2. Mechanical:

Insertion Force: 35N Max.
 Withdrawal Force: 10N Min Initial, 8-20N after 1000Cycles.
 Durability: 5,000 Cycles.

3. Electrical Specification:

Current Rating: 1.0Ampere at 30VDC.
 Contact Resistance: 30mΩ Max Initial, 40mΩ after 1000Cycles.
 Insulation Resistance: 1000MΩ Min.
 Dielectric Withstanding Voltage: 500 VAC.

4. Environmental:


Operating Temperature: -40°C to +85°C

Part Number:

CU2A-R082DG0-S1

USB2.0 A Type Series
 R: Receptacle
 08: 4P+4P
 2: Stacked Type

Product Number:
 S1: Spring Shielding
 0: Black
 G: Gold Flash
 D: DIP Type

B	01/27/14	ADD DIMENSION
A	04/23/09	RELEASED FOR PRODUCTION
REV	DATE	DESCRIPTION
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM TOLERANCES ARE:		 凱聯科技股份有限公司 Conn-Link Technology Inc.
DECIMALS	ANGLES	
.X ± .38	± 3°	
.XX ± .25		
.XXX ± .20		
DO NOT SCALE DRAWING	SHEET 1 OF 1	SCALE NONE
DWG. NO.	CU2A-R08-0S1	REV. A



DESCRIPTION USB 2.0 A Type, Receptacle, 4P+4P, Stacked DIP, Gold Flash, Shielding with Spring