

**RECOMMENDED PCB LAYOUT**

**Material**  
 Housing Material: LCP, UL94V-0, blue  
 Contact Terminal: Brass  
 Metallic Shell: Sus  
 Plating  
 Underplating: Nickel  
 Contact Plating: 1µ" Gold  
 Solder Tail: 100µ" Min. Tin  
 Metallic Shell: Nickel  
**Electrical**  
 Voltage Rating: 100 V AC  
 Current Rating: 0.25A (Signal pins 2,3,5,6,7,8,9) 1.8A (Power Pins 1,4)  
 Contact Resistance: 30mΩ Max.  
 Insulation resistance: 1000MΩ Min.  
 Dielectric withstanding voltage: 100V AC/Minute  
**Mechanical**  
 Durability: 1500 cycles  
 Mating Force: 35N (3.57Kgf) Max  
 Unmating Force: 10N (1.02Kgf) Min. initial, 8N min after test  
**Environmental and Processing**  
 Operating Temperature: -55°C to +85°C

U231-09XN-4BLCC14-X5

1. Au 1µ"  
 5. Au 10µ"  
 6. Au 30µ"

S-Scrolls F.Flat

Pin Number	Signal Name	Pin Number	Signal Name
1	VBUS	5	SSRX-
2	D-	6	SSRX-
3	D+	7	GND
4	GND	8	SSTX-
Shell	Shield	9	SSRT+

广东星坤科技股份有限公司

生 日期

文件工程章

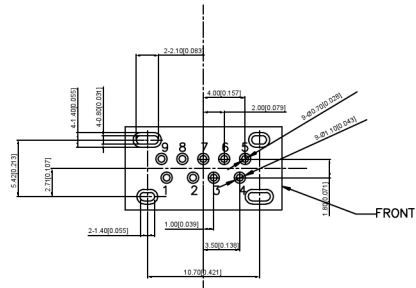
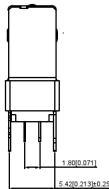
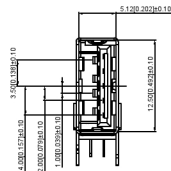
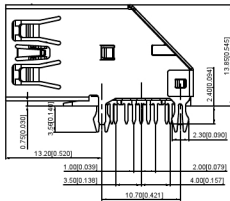
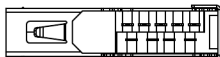
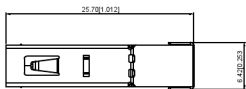
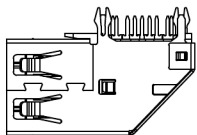
REVISIONS  
 www.xkpcb.com www.hellixib.com

DATE REVISED APPROVED

UNSPECIFIED TOLERANCES

ANGULAR	±5°
L ≤ 4	±0.2
4 < L ≤ 16	±0.3
16 < L ≤ 63	±0.4
L > 63	±0.5

DSND	DATE	SCALE: NA	MODEL TYPE: USB 3.0
DWNN	DATE	VIEW:	PART NO.:
CHKD	DATE	UNIT: mm/in	DWG NO.: U231-09XN-4BLCC14-S5
APPD	DATE	SIZE: A4	WEIGHT SHEET REVISION 1.0g 1/1 A0



PCB LAYOUT(TOP VIEW)

U231-09XN-4BLCC14-X5

1. Au 1µ" 2. Au 150 3. Ni 30µ"

S:Scrolls F:Flat

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DWN	DATE	VIEW:	PART NO.:
CHKD	DATE	UNIT: mm/in	DWG NO.: U231-09XN-4BLCC14-F5
APPD	DATE	SIZE: A4	WEIGHT SHEET REVISION
			1.0g 1/1 A0

单击下面可查看定价，库存，交付和生命周期等信息

[>>XKB Connectivity\(中国星坤\)](#)