

PCB EDGE

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

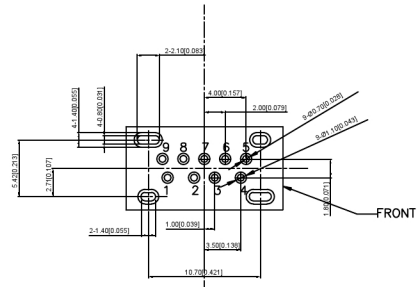
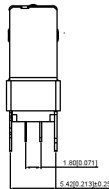
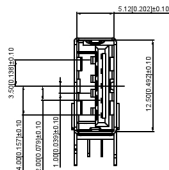
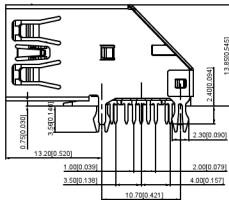
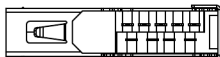
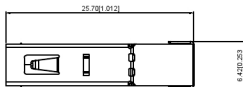
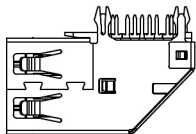
REVISIONS

www.xkpcb.com www.hellixib.com

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

UNSPECIFIED TOLERANCES

DSND	DATE	SCALE: NA	MODEL TYPE: USB 3.0
DWN	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
XKB INDUSTRIAL PRECISION CO., LIMITED			



PCB LAYOUT(TOP VIEW)

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 1 Au 11μ"
 2 Au 150"
 3 Ni 30μ"
 S:Scrolls F:Flat

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			1.0g 1/1 A0