



RECOMMENDED P.C.B. LAYOUT
TOLERANCE UNSPECIFIED ±0.05mm

Material

Housing Material: High temperature thermoplastic. UL94V-0, Black
Contact Terminal: Copper Alloy
Metallic Shell: Stainless Steel
Inner Ground Cover Shell: Stainless Steel

Plating

Data Contact
Underplating: 50µ" Min. Nickel
Contact Plating: Gold Flash
Solder Area: 80µ" Matte Tin
Shell

Metallic Shell: 50µ" Min. Nickel

Electrical

Voltage Rating: 20V DC
Current Rating: Vbus pins collectively 3.00A, GND pins collectively 4.25A, B5 pin 1.25A, Other pins 0.25A per pin
Contact Resistance: 40mΩ Max Initial 50mΩ Max after test
Insulation resistance: 100 MΩ min.
Dielectric withstanding voltage: 100V AC/Minute

Mechanical

Durability: 3,000 cycles
Mating Force: 5 to 20N
Unmating Force: 6 to 20N after test
Environmental and Processing
Operating Temperature: -40°C to +85°C

A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B7	DN2
A6	DP1	B6	DP2
A7	DN1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

U264-14XN-4BAC10

1:AU 1U"
2:AU 3U"
5:AU 15U"
6:AU 30U"

DSND	SCALE: N/A	MODEL TYPE: Type-C 3.1
DWN	VIEW:	PART NO.:
CHKD	UNIT: mm/in	DWG NO.:
APPD	SIZE: A4	U264-14XN-4BAC10
XKB INDUSTRIAL PRECISION CO., LIMITED		WEIGHT
		SHEET 1/1
		REVISION A0

XKB

广东星坤科技股份有限公司

ΔX		日期
ΔX		
ΔX		
MARK		

文件工程章

DESCRIPTION	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