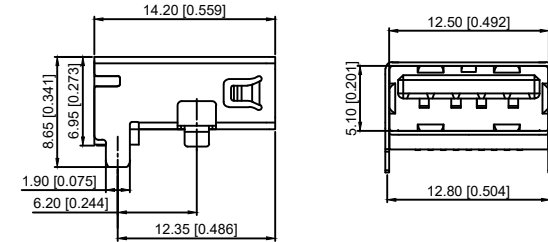


Scrolls (S)

PCB

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



Flat(F)

Material
Housing Material: LCP, UL94V-0, blue
Contact Terminal: Copper Alloy
Metallic Shell:SPCC
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: -40°C to +85°C

U231-09XN-4BLRA00-X
1:Au 1U"
5:Au 15U"
6:Au 30U"
S:Scrolls F:Flat

DSND	DATE	SCALE: N/A	MODEL TYPE: USB 3.0
DWN	DATE	VIEW:	PART NO.:
CHKD	DATE	UNIT: mm/in	DWG NO.:
APPD	DATE	SIZE: A4	U231-09XN-4BLRA00-X
KXB INDUSTRIAL PRECISION CO.,LIMITED			WEIGHT 1.0g
			SHEET 1/1
			REVISION A0

MARK	DESCRIPTION	DATE	REVISED	APPROVED	UNSPECIFIED TOLERANCES
ΔX					ANGLAR ±5°
ΔX					L ≤ 4 ±0.2
ΔX					4 < L ≤ 16 ±0.3
ΔX					16 < L ≤ 63 ±0.4
MARK					L > 63 ±0.5
REVISIONS					
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