

U231-09XN-4BLRA00-S

1: Au 1U"  
5: Au 15U"  
6: Au 30U"

S: Scrolls F: Flat

**Material**

Housing Material: LCP, UL94V-0, blue

Contact Terminal: Brass

Metallic Shell: SPCC

**Plating**

Underplating: Nickel

Contact Plating: G/F μ" Gold

Solder Tail: 100μ" Min. Tin

Metallic Shell: Nickel

**Electrical**

Voltage Rating: 30 VAC RMS

Current Rating: 1.5AMP

Contact Resistance: 30MILLIOHMS Max.

Insulation resistance: 100MEGOHMS Min@500V DC

Withstanding voltage: 500 VAC RMS 50(60)Hz, 1MIN

**Mechanical**

Durability: 1500 cycles

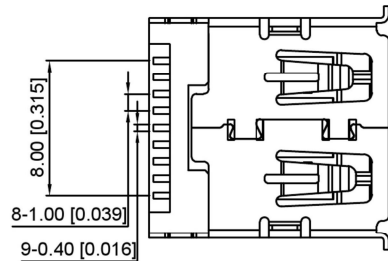
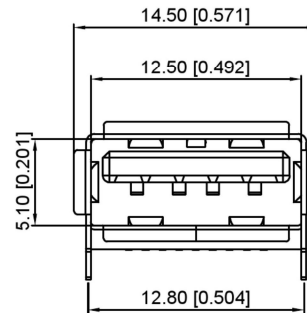
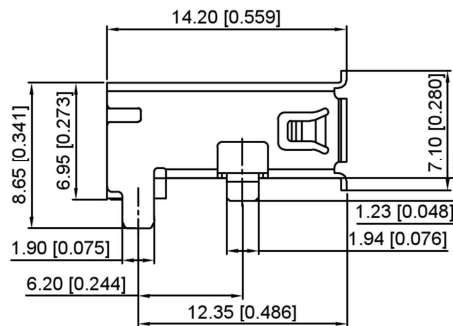
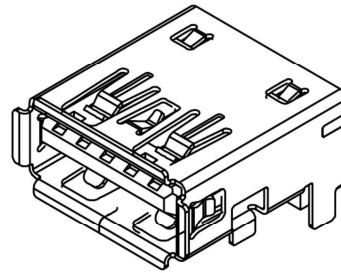
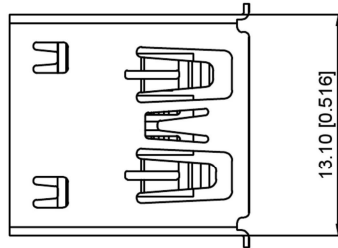
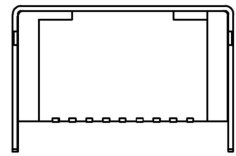
Mating Force: 35N Max

Unmating Force: 5~35N

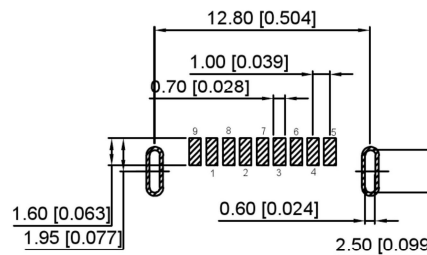
**Environmental**

Storage Temperature : -40°C~+85°C

Operating Temperature: -25°C~+70°C



Scrolls (S)



PCB

Pin #	SIGNAL NAME	DESCRIPTION	MATING SEQUENCE
1	VBUS	POWER	SECOND
2	D-	USB 2.0 DIFFERENTIAL PAIR	THIRD
3	D+	DIFFERENTIAL PAIR	
4	GND	GROUND FOR POWER RETURN	SECOND
5	StdA_SSRX-	SUPER SPEED RECEIVER DIFFERENTIAL PAIR	LAST
6	StdA_SSRX+		
7	GND_DRAIN	GROUND FOR SIGNAL RETURN	
8	StdA_SSTX-	SUPER SPEED TRANSMITTER DIFFERENTIAL PAIR	
9	StdA_SSTX+		
Shell	Shield	CONNECTOR METAL SHELL	FRIST

					DSND		SCALE: N/A	MODEL TYPE: USB 3.0		
					DWN		VIEW:	PART NO.:		
					CHKD		UNIT: mm/in	DWG NO.:		
					APPD		SIZE: A4	U231-09XN-4BLRA00-S		
					KE SI DA ELECTRONIC TECHNOLOGY CO., LTD			WEIGHT	SHEET	REVISION
					WWW.BODONGKAIGUAN.NET WWW.CKJACK.COM WWW.KSDKG.COM			1/1	A0	

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

