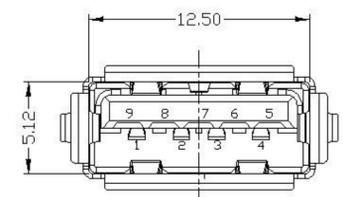
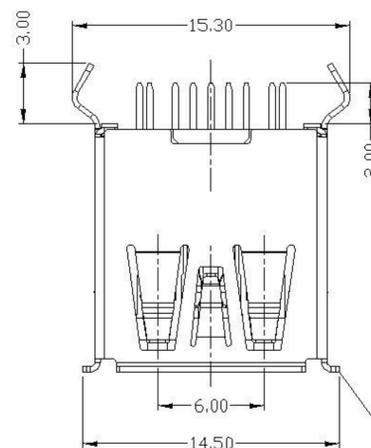
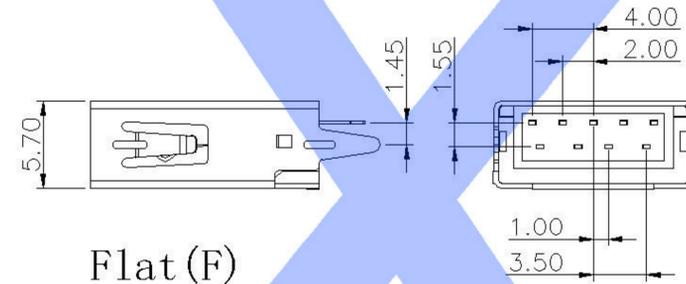
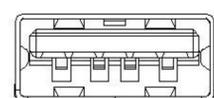


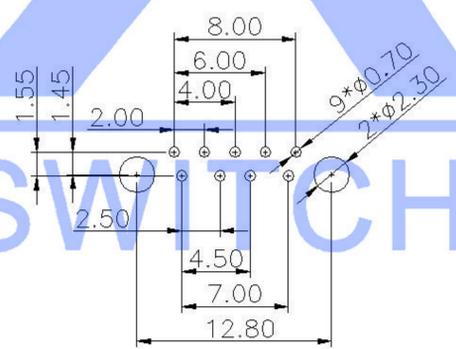
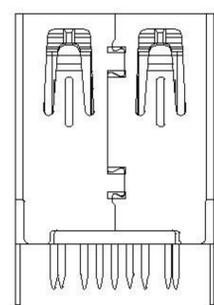
Pin #	SIGNAL NAME	DESCRIPTION	MATING SEQUENCE
1	VBUS	POWER	SECOND
2	D-	USB 2.0 DIFFERENTIAL PAIR	THIRD
3	D+		
4	GND	GROUND FOR POWER RETURN	SECOND
5	StdA_SS RX-	SUPERSPEED RECEIVER DIFFERENTIAL PAIR	LAST
6	StdA_SS RX+		
7	GND_DRAIN	GROUND FOR SIGNAL RETURN	
8	StdA_SS TX-	SUPERSPEED TRANSMITTER DIFFERENTIAL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



Scrolls (S)



Flat (F)

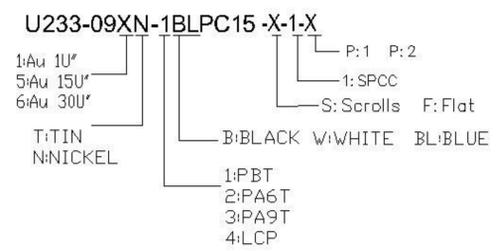
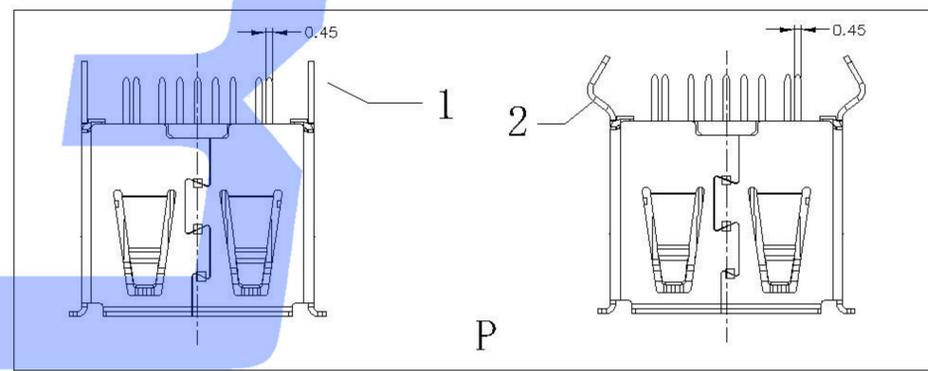


**Material**  
 Housing Material: PBT, UL94V-0, blue  
 Contact Terminal: Brass  
 Metallic Shell: Spcc  
 Plating  
 Underplating: Nickel  
 Contact Plating: 1μ" Gold  
 Solder Tail: 100μ" Min. Tin  
 Metallic Shell: Nickel

**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



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

DSND	DATE	SCALE: N/A	MODEL TYPE: USB 3.0
DWN	DATE	VIEW:	PART NO.:
CHKD	DATE	UNIT: mm	DWG NO.:
APPD	DATE	SIZE: A4	U233-09XN-1BLPC15-X-1-X
KKB INDUSTRIAL PRECISION CO., LIMITED			WEIGHT SHEET REVISION
			1.0g 1/1 A0