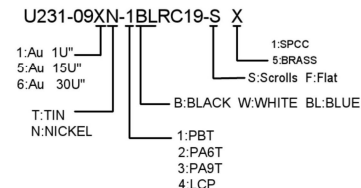
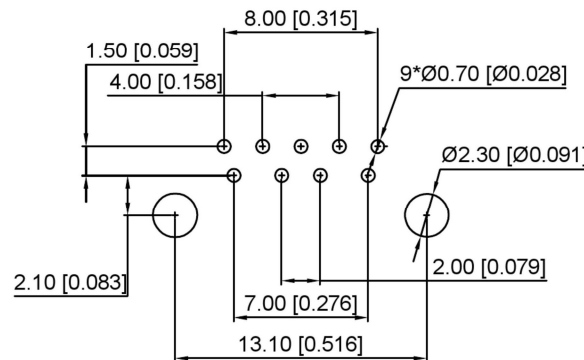
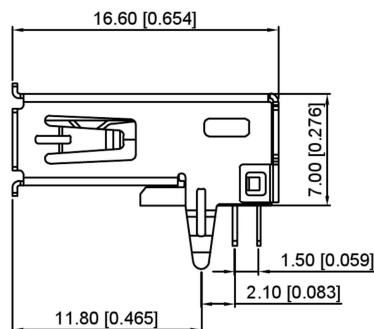
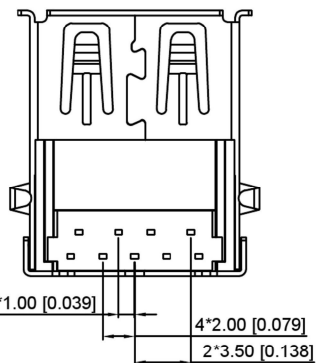
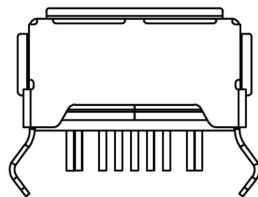
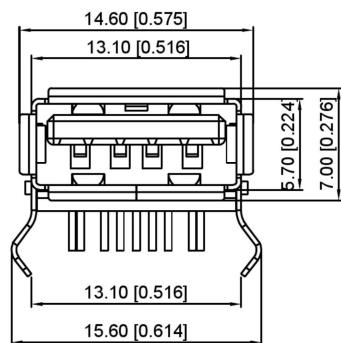


Pin #	SIGNAL NAME	DESCRIPTION	MATING SEQUENCE
1	VBUS	POWER	SECOND
2	D-	USB 2.0 DIFFERENTIAL PAIR	THIRD
3	D+	DIFFERENTIAL PAIR	
4	GND	GROUND FOR POWER RETURN	SECOND
5	StdA_SSRX-	SUPERSPEED RECEIVER DIFFERENTIAL PAIR	LAST
6	StdA_SSRX+	DIFFERENTIAL PAIR	
7	GND_DRAIN	GROUND FOR SIGNAL RETURN	
8	StdA_SSTX-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



Material
Housing Material: PBT, UL94V-0, blue
Contact Terminal: Copper Alloy
Metallic Shell: SPCC/BRASS
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: 5000 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



RECOMMENDER PCB LAYOUT TOP VIEW
(COMPONENT SIDE TOLERANCE±0.05)

					ANGLAR	±5°	DSND	SCALE: N/A	MODEL TYPE:		
ΔX					L ≤ 4	±0.2	DWN	VIEW:	USB 3.0		
ΔX					4 < L ≤ 16	±0.3	CHKD	UNIT: mm/in	PART NO.:		
ΔX					16 < L ≤ 63	±0.4	APPD	SIZE: A4	DWG NO.:		
MARK	DESCRIPTION	DATE	REVISED	APPROVED	L > 63	±0.5			U231-09XN-1BLRC19-SX		
REVISIONS					UNSPECIFIED TOLERANCES		KE SI DA ELECTRONIC TECHNOLOGY CO., LTD				
WWW.BODONGKAIGUAN.NET					WWW.CKJACK.COM		WWW.KSDKG.COM		WEIGHT	SHEET	REVISION
									1/1	A0	