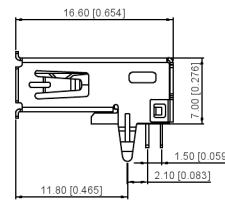
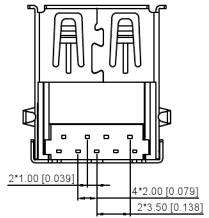
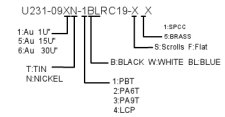


RECOMMENDER PCB LAYOUT TOP VIEW
(COMPONENT SIDE TOLERANCE±0.05)

Pin #	INTERNAL NAME	DESCRIPTION	WAFER CODE
1	LVDT	POWER	0000
2	S	SHIELD PAIR	0000
3	SV	DIFFERENTIAL PAIR	0000
4	SHIELD	GROUND FOR POWER RETURN	0000
5	SHIELD	DIFFERENTIAL PAIR	0000
6	SHIELD	GROUND FOR SIGNAL RETURN	0000
7	SHIELD	DIFFERENTIAL PAIR	0000
8	SHIELD	GROUND FOR SIGNAL RETURN	0000
9	SHIELD	DIFFERENTIAL PAIR	0000
Shield	Shield	CONNECTOR METAL SHIELD	0000

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

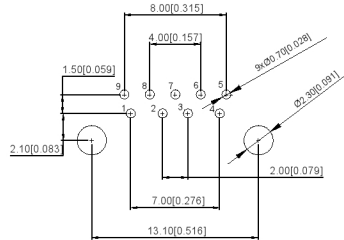
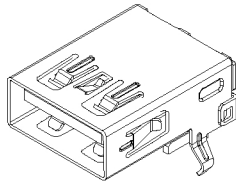
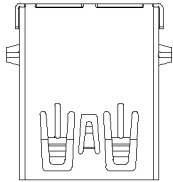


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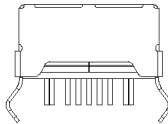
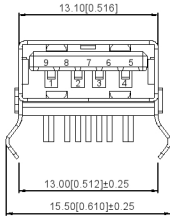
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REVISIONS	DATE	REVISED	APPROVED	UNSPECIFIED TOLERANCES
				ANGULAR ±5°
				L ≤ 4 ±0.2
				4 < L ≤ 16 ±0.3
				16 < L ≤ 63 ±0.4
				L > 63 ±0.5

DSND	DATE	SCALE: NA	MODEL TYPE: USB 3.0
DWN	DATE	VIEW:	PART NO.:
CHKD	DATE	UNIT: mm/in	DWG NO.:
APPD	DATE	SIZE: A4	U231-09XN-1BLRC19-SX
XKB INDUSTRIAL PRECISION CO., LIMITED			WEIGHT SHEET REVISION
			1.0g 1/1 A0



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



Pin #	EXTERNAL NAME	DESCRIPTION	MARKING
1	LEUT	POWER	1S9PC
2	D	DATA 2#	5SR4S
3	DE	DIRECTIONAL PAIR	
4	SD	GROUND FOR POWER RETURN	10C00
5	SHA 15T	SUPERVENED SIGNALER	LAST
6	SHA 15T	DIRECTIONAL PAIR	
7	SD	GROUND FOR SIGNAL RETURN	
8	SHA 15T	SUPERVENED TRANSMITTER	
9	SHA 15T	DIRECTIONAL PAIR	
Shell	Shell	CONNECTOR METAL SHELL	PA8T

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

Plating

Underplating: Nickel
Contact Plating: 1μ" Gold
Solder Tail: 100μ" Min. Tin
Metalic Shell: Nickel

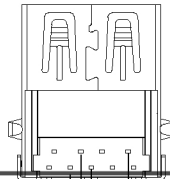
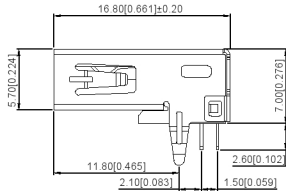
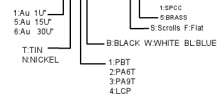
Electrical

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

U231-09XN-1BLRC19-X



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REVISIONS
DATE REVISED APPROVED
UNSPECIFIED TOLERANCES

ANGLAR	±5°
L ≤ 4	±0.2
4 < L ≤ 16	±0.3
16 < L ≤ 63	±0.4
L > 63	±0.5

DSND	DATE	SCALE: NA	MODEL TYPE: USB 3.0
DWN	DATE	VIEW:	PART NO.:
CHKD	DATE	UNIT: mm/in	DWG NO.: U231-09XN-1BLRC19-FX
APPD	DATE	SIZE: A4	WEIGHT SHEET REVISION 1.0g 1/1 A0

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