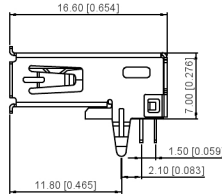
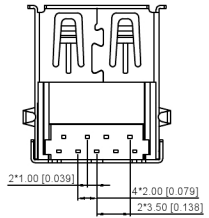
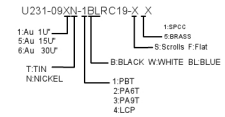


RECOMMENDED PCB LAYOUT TOP VIEW
(COMPONENT SIDE TOLERANCE±0.05)

Pin #	INTERNAL NAME	DESCRIPTION	WIRING CONNECTION
1	LVDT	POWER	POWER
2	S	SHIELD PAIR	SHIELD
3	S	DIFFERENTIAL PAIR	DATA
4	SHIELD	GROUND FOR POWER RETURN	GROUND
5	SHIELD	DIFFERENTIAL PAIR	DATA
6	SHIELD	GROUND FOR SIGNAL RETURN	GROUND
7	SHIELD	DIFFERENTIAL PAIR	DATA
8	SHIELD	GROUND FOR SIGNAL RETURN	GROUND
9	SHIELD	DIFFERENTIAL PAIR	DATA
Shield	Shield	CONNECTOR METAL SHELL	FRAME

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



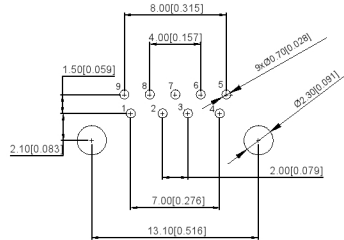
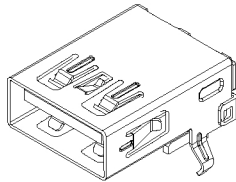
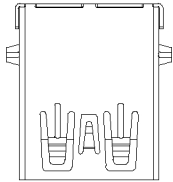
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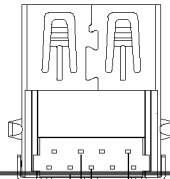
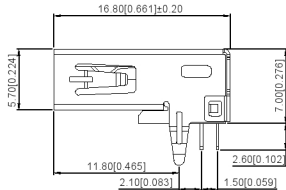
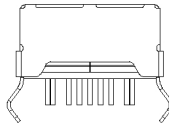
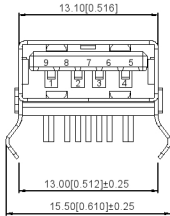
REVISIONS	DATE	REVISED	APPROVED	UNSPECIFIED TOLERANCES
				ANGULAR ±5° L ≤ 4 ±0.2 4 < L ≤ 16 ±0.3 16 < L ≤ 63 ±0.4 L > 63 ±0.5

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

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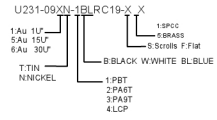
RECOMMENDER PCB LAYOUT TOP VIEW
(COMPONENT SIDE TOLERANCE±0.05)



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

Pin #	EXTERNAL NAME	DESCRIPTION	MARKING
1	LEUT	POWER	1SPRC
2	S	DATA 2	5BRASS
3	SS	DIFFERENTIAL PAIR	S-SCROLLS F-Flat
4	END	GROUND FOR POWER RETURN	1PBT
5	SHA_15TV	SUPERVISED SIGNAL	2PAET
6	SHA_15TV	DIFFERENTIAL PAIR	3PAET
7	END_GROUND	GROUND FOR SIGNAL RETURN	4LCP
8	SHA_15TV	SUPERVISED TRANSMITTER	
9	SHA_15TV	DIFFERENTIAL PAIR	
Shell	Shell	CONNECTOR METAL SHELL	



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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.: U231-09(XN)-1BLRC19-FX
APPD	DATE	SIZE: A4	WEIGHT SHEET REVISION 1.0g 1/1 A0
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