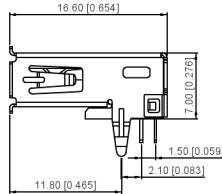
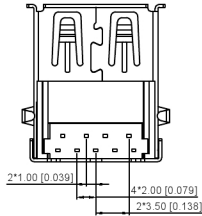
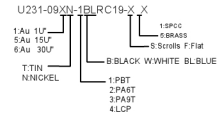


RECOMMENDED PCB LAYOUT TOP VIEW
(COMPONENT SIDE TOLERANCE ±0.05)

Pin #	INTERNAL NAME	DESCRIPTION	WIRING CONNECTION
1	LEUT	POWER	GROUND
2	S	DATA 2	DATA
3	SL	DIFFERENTIAL PAIR	
4	SD	GROUND FOR POWER RETURN	GROUND
5	SMA_15TV	SUPERFETTED SIGNAL	LAST
6	SMA_15TV	DIFFERENTIAL PAIR	
7	SD_GROUND	GROUND FOR SIGNAL RETURN	
8	SMA_15TV	SUPERFETTED TRANSMITTER	
9	SMA_15TV	DIFFERENTIAL PAIR	
Shell	Shell	CONNECTOR METAL SHELL	FAST

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



广东星坤科技股份有限公司

生 日期
發 日期

文件工程章
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.: U231-09XN-1BLRC19-SX
APPD	DATE	SIZE: A4	WEIGHT SHEET REVISION 1.0g 1/1 A0

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