



Material
 Housing Material: PBT, UL94V-0, blue
 Contact Terminal: Copper Alloy
 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
 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 #	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	StA_SSRX-	SUPERSPEED RECEIVER DIFFERENTIAL PAIR	LAST
6	StA_SSRX+		
7	GND_DRAIN	GROUND FOR SIGNAL RETURN	
8	StA_SSTX-	SUPERSPEED TRANSMITTER DIFFERENTIAL PAIR	FRIST
9	StA_SSTX+		
Shell	Shield	CONNECTOR METAL SHELL	

U236-091N-1BLSS12-1

1:Au 1U"
 5:Au 15U"
 6:Au 30U"

T:TIN
 N:NICKEL

1:PBT
 2:PA6T
 3:PA9T
 4:LCP

B:BLACK W:WHITE BL:BLUE

广东星坤科技股份有限公司

ΔX	日期
ΔX	日期
ΔX	日期
MARK	日期

文件工程章

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	SCALE: N/A	MODEL TYPE: USB 3.0
DWN	VIEW:	PART NO.:
CHKD	UNIT: mm/in	DWG NO.: U236-091N-1BLSS12-1
APPD	SIZE: A4	WEIGHT SHEET REVISION
XKB INDUSTRIAL PRECISION CO., LIMITED		1/1 A0

