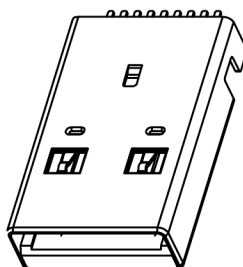
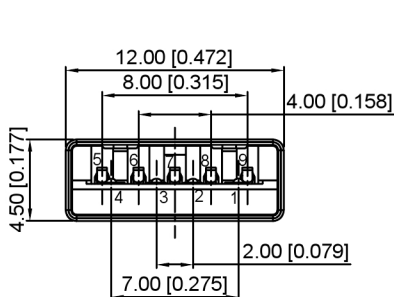
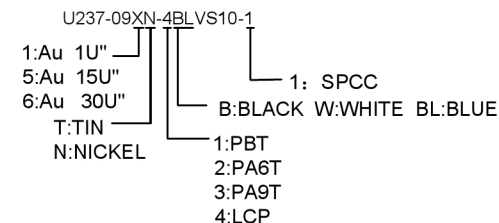


**RECOMMENDED PCB LAYOUT**

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	StdA_SSRX-	SUPERSPEED RECEIVER DIFFERENTIAL PAIR	LAST
6	StdA_SSRX+		
7	GND_DRAIN	GROUND FOR SIGNAL RETURN	
8	StdA_SSTX-	SUPERSPEED TRANSMITTER DIFFERENTIAL PAIR	
9	StdA_SSTX+		
Shell	Shield	CONNECTOR METAL SHELL	FIRST



**Material**  
 Housing Material: LCP, 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



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REVISIONS	DATE	REVISED	APPROVED	DESCRIPTION
ΔX				
生ΔX				
效ΔX				

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.:
APPD	SIZE: A4	U237-09XN-4BLVS10-1
XKB INDUSTRIAL PRECISION CO., LIMITED		WEIGHT
		SHEET
		REVISION
		1/1
		A0