

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: Brass

Metallic Shell: Brass

Plating

Underplating: Nickel

Contact Plating: 1μ" Gold

Solder Tail: 100μ" Min. Tin

Metallic Shell: Nickel

Electrical

Voltage Rating: 100 V AC

Current Rating: 1.5A

Contact Resistance: 30mΩ Max.

Insulation resistance: 1000MΩ Min.

Dielectric withstanding voltage: 100V AC/Minute

Mechanical

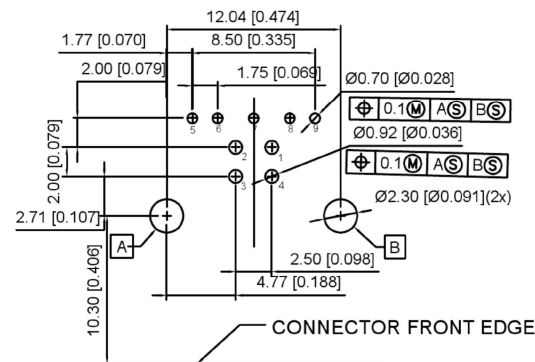
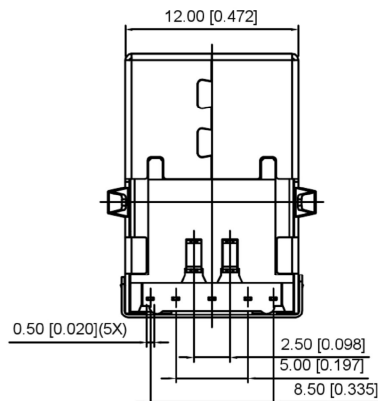
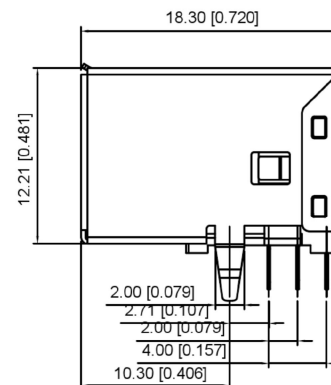
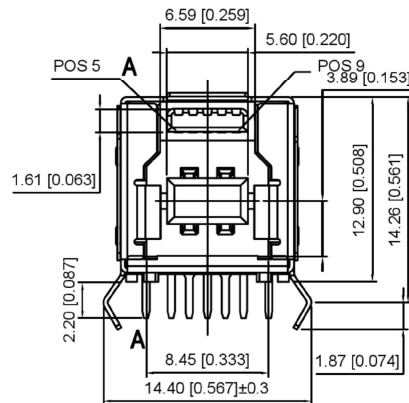
Durability: 1500 cycles

Mating Force: 35N (3.57Kg) Max

Unmating Force: 10N (1.02Kg) Min. initial, 8N min after test

Environmental and Processing

Operating Temperature: -40°C to +85°C



RECOMMENDED PCBA LAYOUT

U235-09XN-4BLRC16-2

1: Au 1U"
5: Au 15U"
6: Au 30U"
T: TIN
N: NICKEL

							DSND		SCALE: N/A	MODEL TYPE: USB 3.0			
				ANGLAR	±5°		DWN		VIEW: 	PART NO.:			
				L ≤ 4	±0.2		CHKD		UNIT: mm/in	DWG NO.:			
				4 < L ≤ 16	±0.3		APPD		SIZE: A4	U235-09XN-4BLRC16-2			
				16 < L ≤ 63	±0.4								
				L > 63	±0.5								
REVISIONS						UNSPECIFIED TOLERANCES							
www.alpsr.com www.gdxjdz.com www.xbswitch.com						DONG GUAN XI BANG ELECTRONIC CO., LTD					WEIGHT	SHEET	REVISION
												1/1	A0