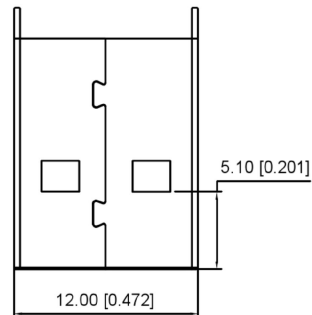
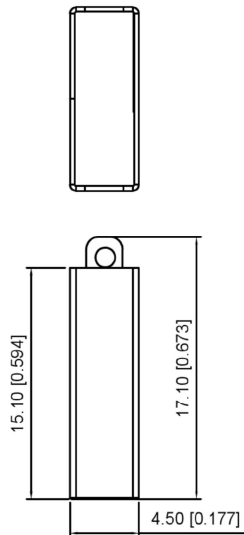
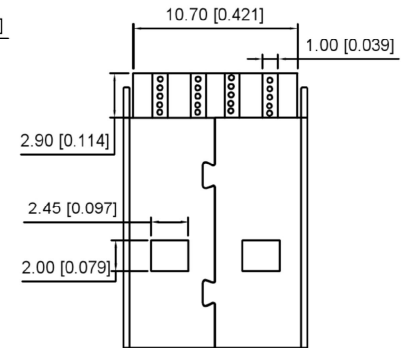
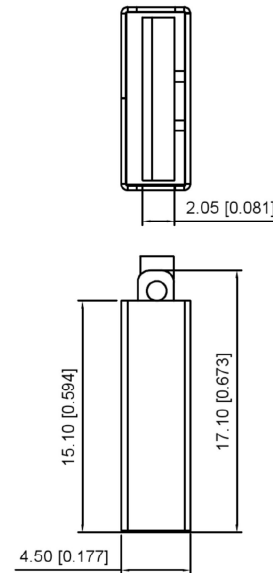
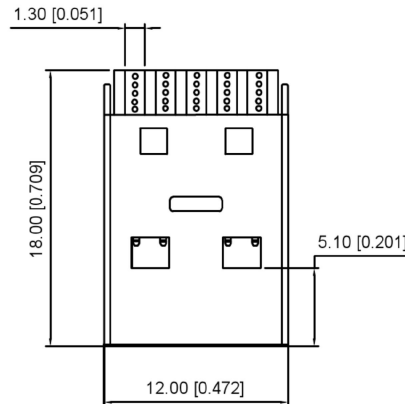
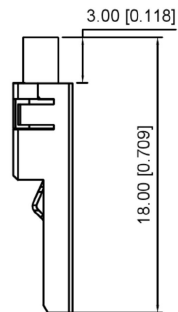
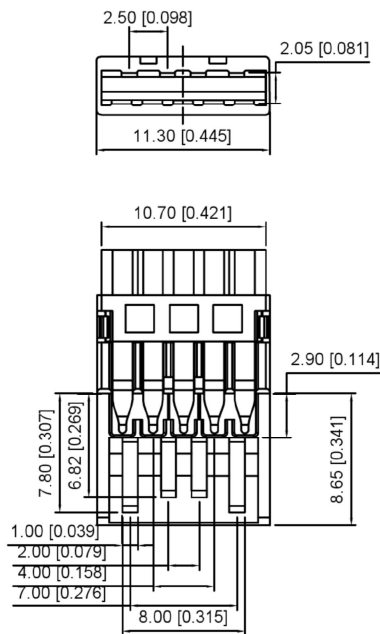




Material

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	SdA_SSRX-	SUPER SPEED RECEIVER DIFFERENTIAL PAIR	LAST
6	SdA_SSRX+		
7	GND_DRAIN	GROUND FOR SIGNAL RETURN	
8	SdA_SSTX-	SUPER SPEED TRANSMITTER DIFFERENTIAL PAIR	
9	SdA_SSTX+		
Shell	Shield	CONNECTOR METAL SHELL	FIRST

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
1:SPCC
B:BLACK W:WHITE BL:BLUE

						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				U236-091N-1BLSS12-1		
				16 < L ≤ 63	±0.4		APPD	SIZE: A4			
				L > 63	±0.5						
REVISIONS				UNSPECIFIED TOLERANCES		DONG GUAN XI BANG ELECTRONIC CO., LTD			WEIGHT	SHEET	REVISION
www.alpsr.com www.gdxjdz.com www.xbswitch.com										1/1	A0



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