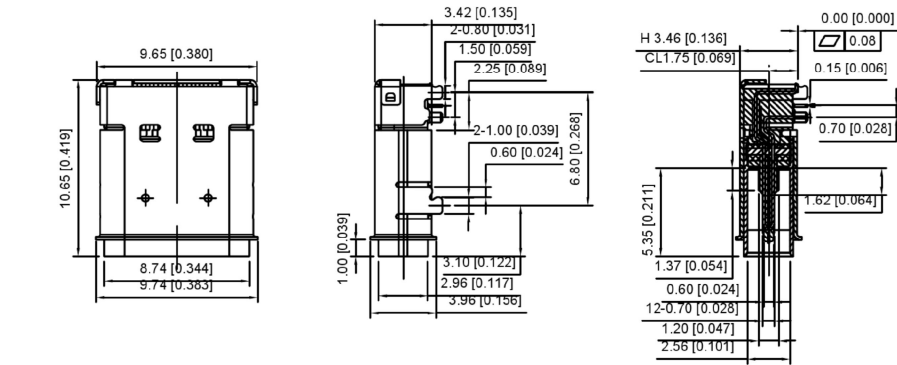
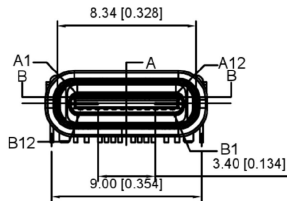
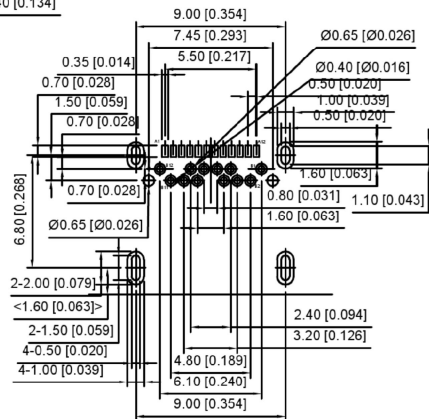
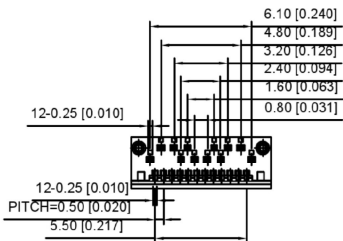
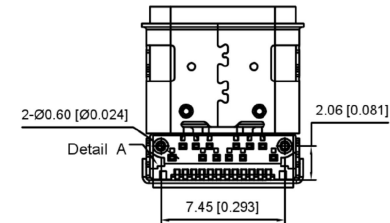


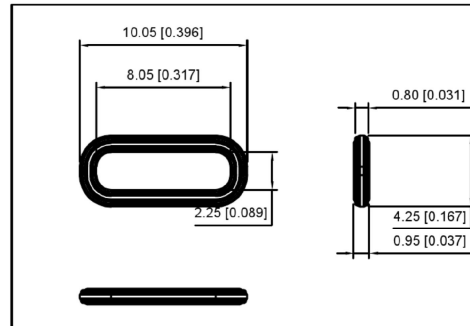
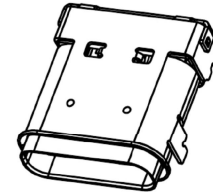
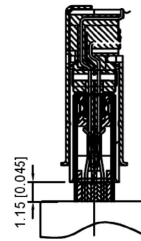
SECTION B-B



SECTION A-A



RECOMMEND P.C.B. LAYOUT (COMPONENT SIDE)
TOLERANCE FOR PCB LAYOUT IS ± 0.05
KEEP OUT AREA



Pin	Signal Name	Mating Sequence	Pin	Signal Name	Mating Sequence
A1	GND	First	B12	GND	First
A2	SSTxp1	Second	B11	SSRXp1	Second
A3	SSTxn1	Second	B10	SSRXn1	Second
A4	V _{bus}	First	B9	V _{bus}	First
A5	CC1	Second	B8	SBU2	Second
A6	Dp1	Second	B7	Dn2	Second
A7	Dn1	Second	B6	Dp2	Second
A8	SBU1	Second	B5	CC2	Second
A9	V _{bus}	First	B4	V _{bus}	First
A10	SSRXn2	Second	B3	SSTxn2	Second
A11	SSRXp2	Second	B2	SSTxp2	Second
A12	GND	First	B1	GND	First
SHELL	GND		SHELL	GND	

Material
Housing Material: High temperature thermoplastic
Contact Terminal: High Grade Copper Alloy
Metallic Shell: Stainless Steel
Cover Shell: Iron
Inner Ground Cover Shell: Stainless Steel
Mid Plate: Stainless Steel
Plating
Data Contact
Underplating: 50 μ " Min. Nickel
Contact Plating: 1 μ " Gold
Solder Area: 80 μ " Matte Tin
Shell
Metallic Shell: 50 μ " Min. Nickel
Cover Shell
Metallic Shell: 80 μ " Min. Nickel
Inner Ground Cover Shell
Metallic Shell: 50 μ " Min. Nickel
Electrical
Voltage Rating: 20V DC
Current Rating: V_{bus} pins collectively 5.00A, GND pins collectively 6.25A, B5 pin 1.25A, Other pins 0.25A per pin.
Contact Resistance: 40m Ω Max.
Insulation resistance: 100 M Ω MIN.
Dielectric withstanding voltage: 100V AC/Minute
Mechanical
Durability: 10,000 cycles
Mating Force: 5 to 20N
Unmating Force: 8 to 20N (post test)

USB31-TYPEC-33X41- XFS

- 1: Tray 2: Tape reel
41: IP67
52: IP54
53: 不防水
1: G/F 2: 5u" 3: 10u"
4: 15u" 5: 30u"

DSND		SCALE: N/A	MODEL TYPE: MICRO USB
DWN		VIEW:	PART NO.:
CHKD		UNIT: mm/in	DWG NO.:
APPD		SIZE: A4	USB31-TYPEC-33X41-XFS
REVISIONS		UNSPECIFIED TOLERANCES	WEIGHT SHEET REVISION
www.alpsr.com www.gdxjdz.com www.xbswitch.com			1/1 A0



DONG GUAN XI BANG ELECTRONIC CO., LTD