

RoHS

Specification:

- Voltage Current Rating : 1.5 Amp 30V/AC
- Withstanding Voltage: 100V/AC For 1 Minute
- Insulation Resistance: 100M Ω Min At 100V/DC For 1 Minute
- Contact Resistance: 30m Ω Max Initial For VBUS And GND Contacts
50m Ω Max Initial For All Other Contacts

Material:

- Insulator Material: LCP Thermoplastics, UL94V-0
- Contact Plated : Copper Alloy
- Shell: Copper Alloy
- Contact Plated : Gold Flash Plated On Contact Area
80u" Min. Matte Tin Plated On Solder Tails Area
30u" Min Nickel Underplating Over All
- Shell: 50u" Min. Nickel Underplating Over All

Mechanical Characteristics:

- Durability: 1500 Cycles Min
- Mating Force: 35N(3.57kg) Max
- Unmating Force: 10N (1.02kg) Min

Ordering Information

BT USBA F M * U A E B49

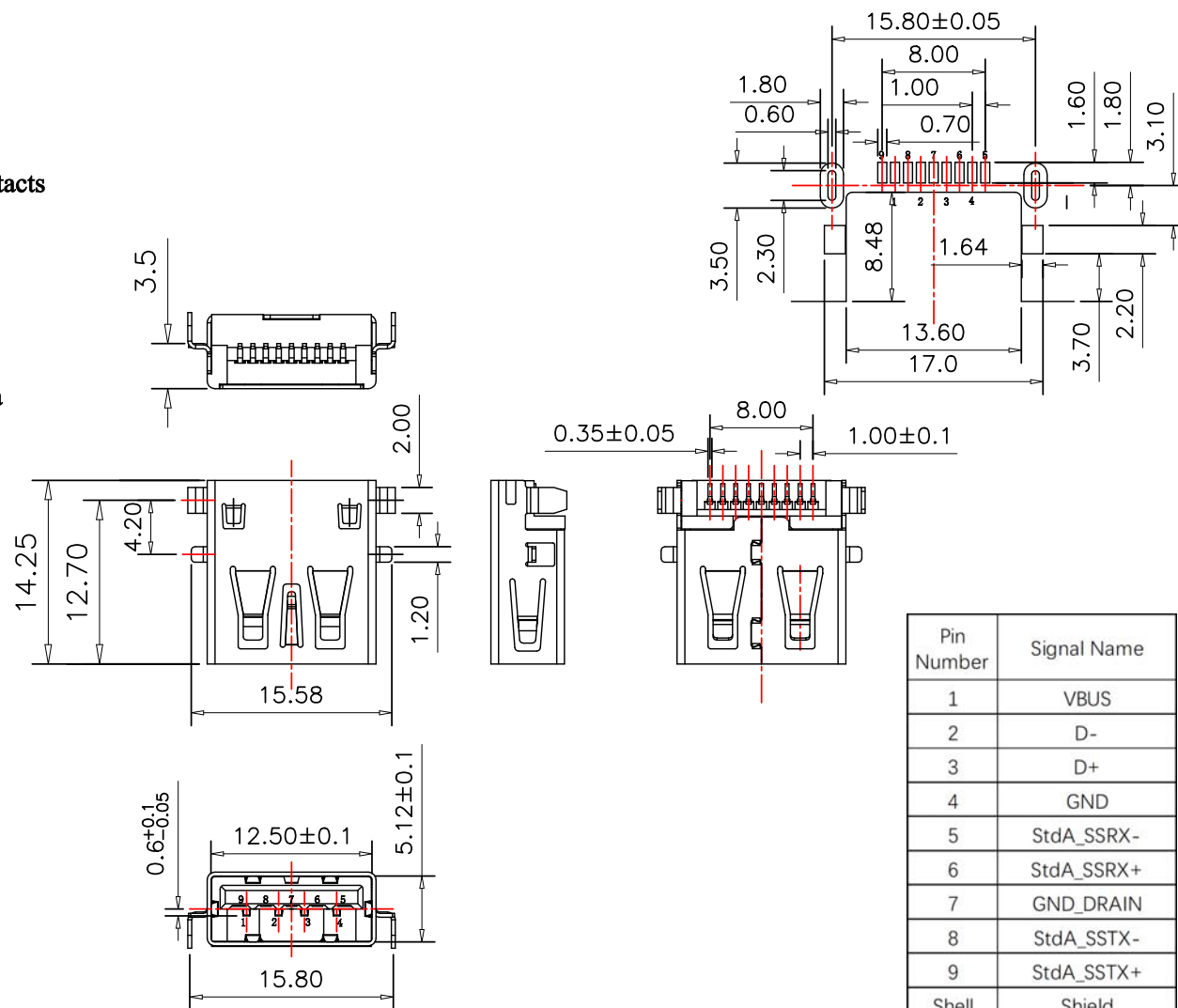
USB A Type

F: Female

Contact Plated
F=Gold Flash/Tin

Insulator Color
U=Blue

Recommended P.C.B Layout(Top Side)
(PCB BOARD TOLERANCE ± 0.05)



Pin Number	Signal Name
1	VBUS
2	D-
3	D+
4	GND
5	StdA_SSRX-
6	StdA_SSRX+
7	GND_DRAIN
8	StdA_SSTX-
9	StdA_SSTX+
Shell	Shield

					OPERATION	DRAW	Jiao	Jul-07-2023	SCALE	-	BMA TECHNOLOGIES LTD	
					X.X	± 0.35			UNIT	mm		
					X.XX	± 0.25			SIZE	A4		
					X.XXX	± 0.15			SHEET	1/1		
AO	Jul-07-2023	NEW			Angle	$\pm 3^\circ$	CHECK	Chen lin	Jul-07-2023	PART NO.	BTUSBAFM*UAEB49	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	APPROVE	DIM	TOL	APPROVE	Along	Jul-07-2023	PROJ.	TITLE:	USB A/F 3.0 SMT