

RoHS

Specification:

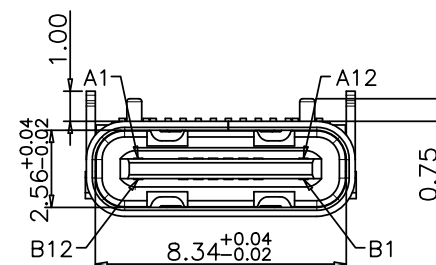
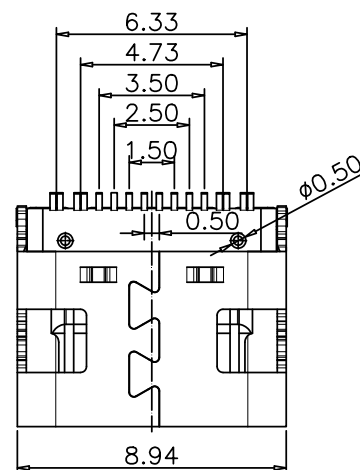
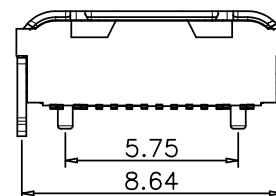
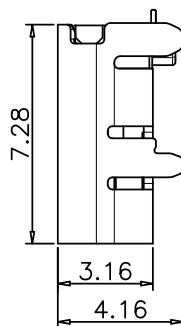
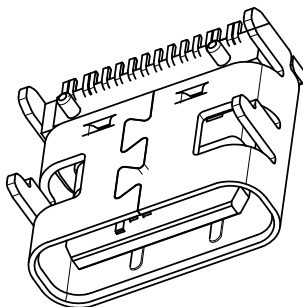
- Current Rating : 3A
- Withstanding Voltage: 100V AC
- Insulation Resistance: 100M Ω Min 250V DC
- Contact Resistance: 40m Ω Max
- Operating Temperature:-30°C ~+80°C
- Soldering Temperature: 250 $\pm$ 5°C 5 $\pm$ 0.5s

Material:

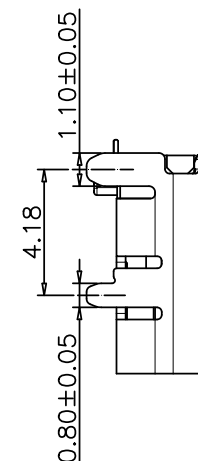
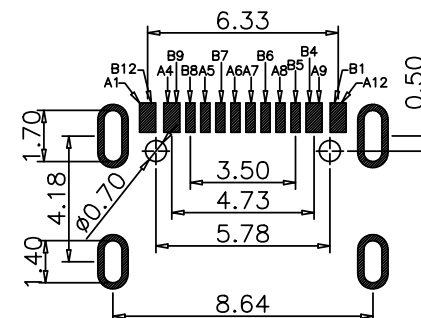
- Insulator: LCP+30%G.F UL94V-0
- Contact: C2680 T=0.20mm Gold over Nickel Plated 0.5u"
- Outer Shell: T=0.30mm Stainless Steel Nickel Plated 80u"
- Inner Shell: T=0.20mm Stainless Steel

Mechanical Characteristics:

- Contact Insertion Force: 2.0Kgf Max
- Contact Separation Force: 0.6Kgf Min
- Durability: 10000 Cycles



Recommended P.C.B Layout
(PCB BOARD TOLERANCE $\pm$ 0.05)



PIN ASSIGNMENT:

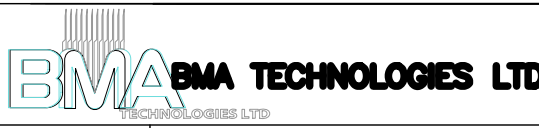
Pin No.	Signal Name	Pin No.	Signal Name
A1	GND	B12	GND
A2		B11	
A3		B10	
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC5
A9	VBUS	B4	VBUS
A10		B3	
A11		B2	
A12	GND	B1	GND

Ordering Information
BT USBC F D * B C A6 B49

F= Female

Contact Plating
F=Gold Flash

Color Insulator
B=Black

					OPERATION	DRAW	Jiao	Jul-11-2023	SCALE	-	 BMA TECHNOLOGIES LTD	
					X.X	$\pm$ 0.30			UNIT	mm		
					X.XX	$\pm$ 0.25	DESIGN		SIZE	A4		
					X.XXX	$\pm$ 0.10	CHECK	Chen lin	SHEET	1/3		
AO	Jul-11-2023	NEW			Angle	$\pm$ 5'			PART NO.		BTUSBCFR*BCA3B49	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	APPROVE	DIM	TOL	APPROVE	Arong	Jul-11-2023	PROJ.	TITLE:	USB Type C Female