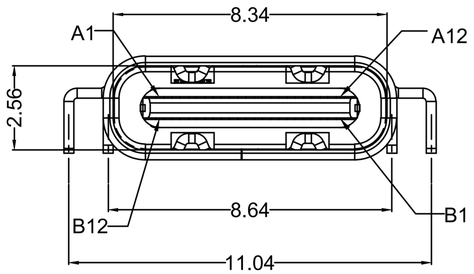
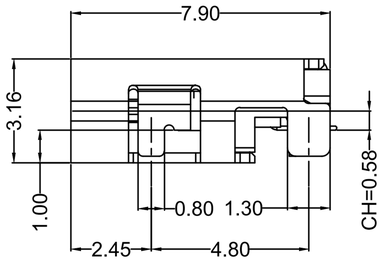
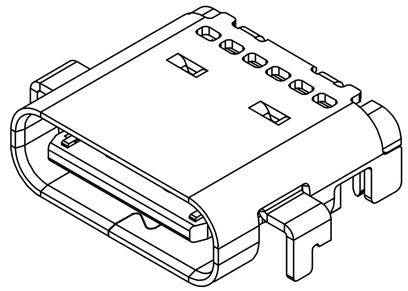
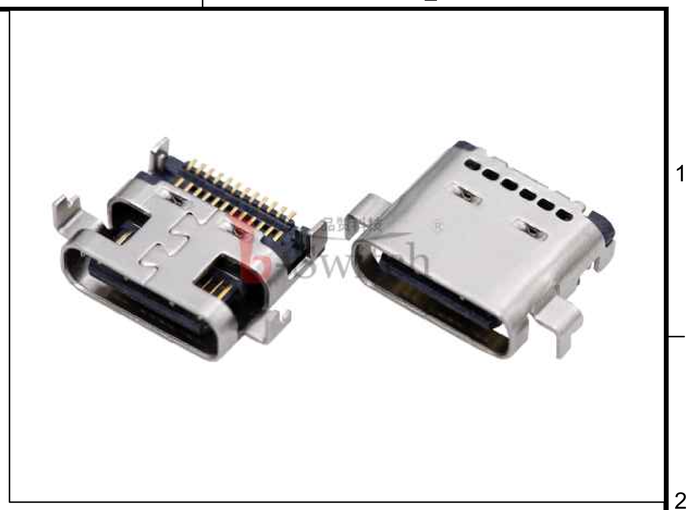
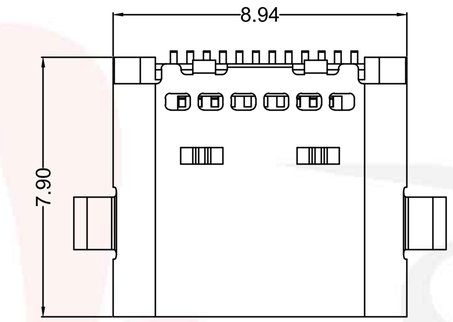
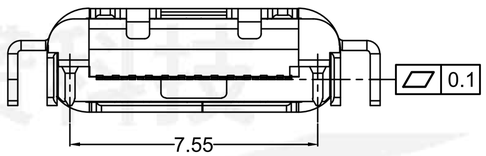






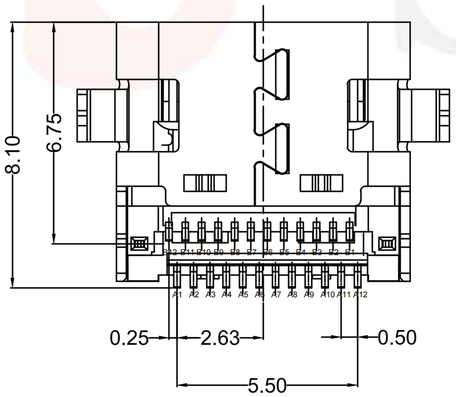


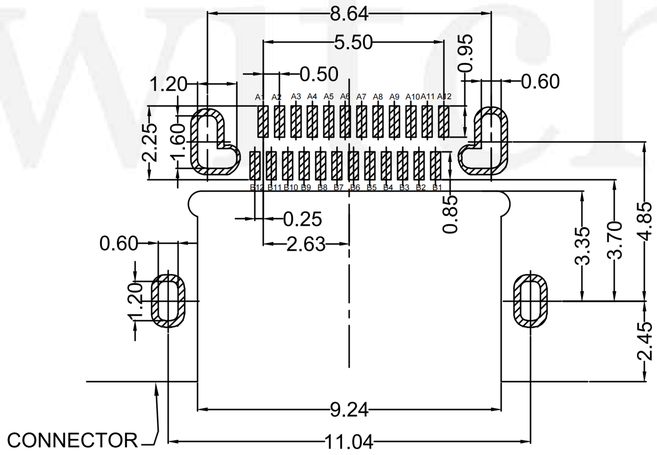




G-Switch USB-C Specification:

1. Current Rating: 5.0A
2. Voltage: 100V AC
3. Temperature Range: -55 °C ~ 85 °C
4. Contact Resistance: 40 Megohms Max
5. Insulation Resistance: 100 Megohms Min
6. Lnsertion Force : 5N~20N
7. Unmating Force: 8N~20N
8. Durability: 10,000 Cycles





RECOMMENDED P.C.B. LAYOUT
TOLERANCE UNSPECIFIED ±0.05mm

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	TX1+	TX1-	VBUS	CC1	D+	D-	SBU1	VBUS	RX2-	RX2+	GND
GND	RX1+	RX1-	VBUS	SBU2	D-	D+	CC2	VBUS	TX2-	TX2+	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

项目	品名		材质	描述	备注
1	上排Molding	塑胶	LCP	UL94V-0,黑色	1
		端子	C18400R-H T=0.12	焊接区:高温可焊锡 30U" MIN.	1
				接触区:高温可焊金(见料号说明);	
2	下排Molding	塑胶	LCP	UL94V-0,黑色	1
		端子	C18400R-H T=0.12	焊接区:高温可焊锡 30U" MIN.	1
				接触区:高温可焊金(见料号说明);	
3	二次Molding		LCP	UL94V-0,黑色	1
4	前壳		SUS304,T=0.3	高温可焊镍:30U" min.	1
5	EMC片		SUS304,T=0.1		2
6	中夹片		SUS304,T=0.2		1

Pb Process Capable

RoHS Compliant 2002/95/EC

HALOGEN Compliant Halogen Free

品赞科技 G-Switch ®

G-Switch Electronic (HongKong) CO.,Ltd.

Unless otherwise specified, Tolerance:

X.	±0.30
X.x	±0.20
X.xx	±0.15
X.xxx	±0.10
Angles	±3°

DESIGN Yu Chen	DATE 2022.08.24	Molde code: GT-USB-7007B	
CHECKED	DATE		
APPROVED	DATE		
http://www.dg-switch.com		REV.: X1	SCALE: 4:1	UNIT: mm
TEL:0769-82388879		SIZE: A4	SHEET: 1/1	