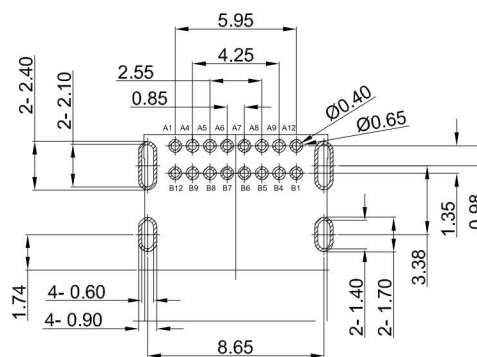
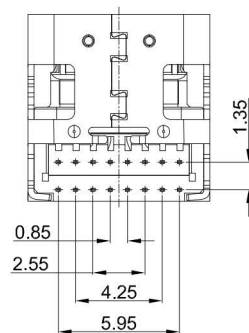
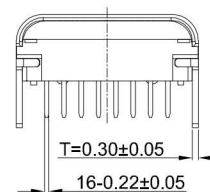
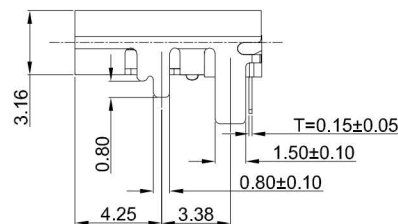
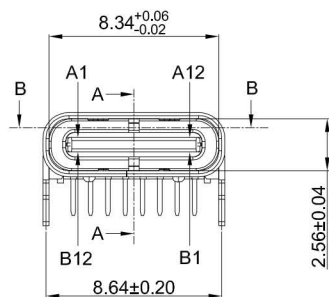


G-Switch USB-C Specification:

- 1.Current rated: 5A on vbus/1.25A on vconn/0.25A on other
- Voltage rating: 24V AC
- 2.Withstanding voltage: 100V AC/minute
- 3.Contact resistance: 40mΩ Max
- 4.Insulation resistance: 100MΩ Min
- 5.Operating temperature: -40°C ~ +85°C
- 6.Mating force: 5N~20N
- 7.Unmating force: 8N~20N
- 8.Durability cycle:10,000 cycles



RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND				VBUS	CC1	D+	D-	SBU1	VBUS		GND
First				First	Second	Second	Second	Second	First		First

B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
GND				VBUS	SBU2	D-	D+	CC2	VBUS		GND
First				First	Second	Second	Second	Second	First		First

NO.	PARTS	MATERIAL	REMARKS
1	EMI	STAINLESS STEEL301	--
2	SHELL	STAINLESS STEEL304	Ni PLATED
3	MID PLATE	STAINLESS STEEL301	--
4	HOUSING	HIGH TEMPERATURE PLASTIC	LCP BLACK UL 94 V-0
5	TERMINALS	CHROMIUM-ZIRCONIUM-COPPER	Au PLATING ON CONTACT AREA Tin/Ni PLATING ON SOLDER TAILS



RoHS
Compliant
EU RoHS Standards



SCALE: 1:1 UNIT: mm
SIZE: A4

Unless otherwise
General Tolerance:

X.x ±0.30
X.xx ±0.20
X.xxx ±0.10
X° ±5°

Title: Horizontal Type-c 16P Female
DIP CH=1.88 L=9.17mm

Molde Code: GT-USB-7107B

DRAWN	CHECKED	APPROVED	DATE
Jiang	Xia	Chen	2023.04.26



REV: A0 SHEET: 1/1