

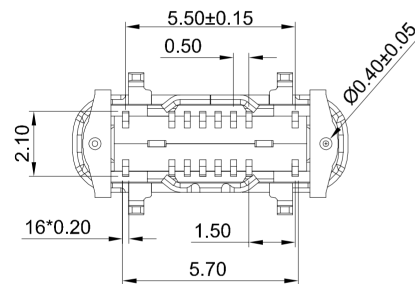
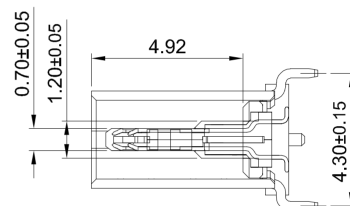
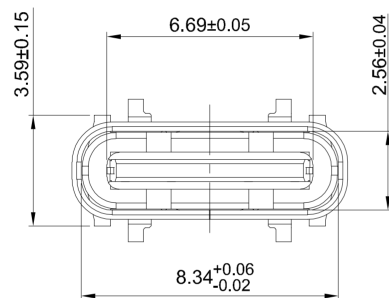
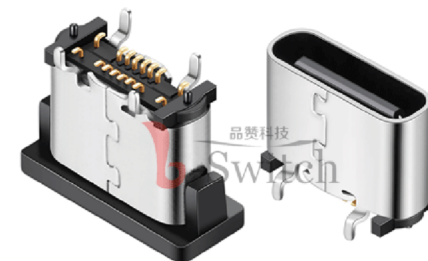
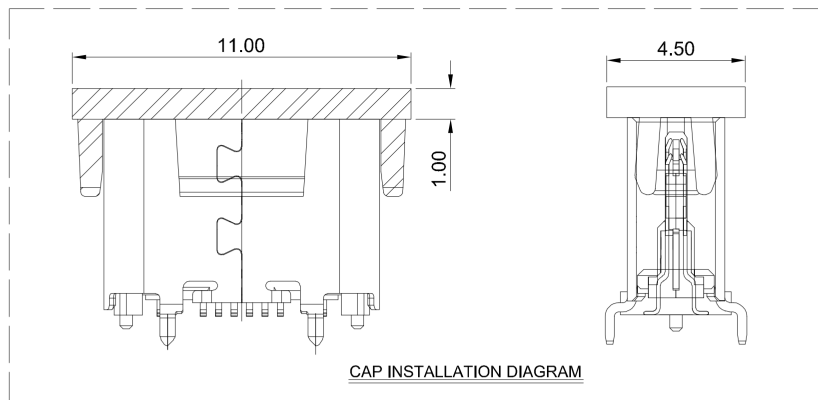
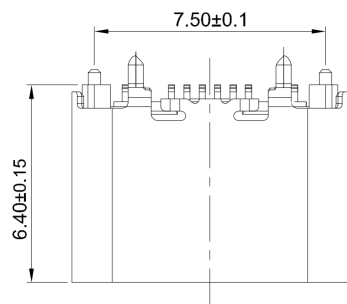
A

B

C

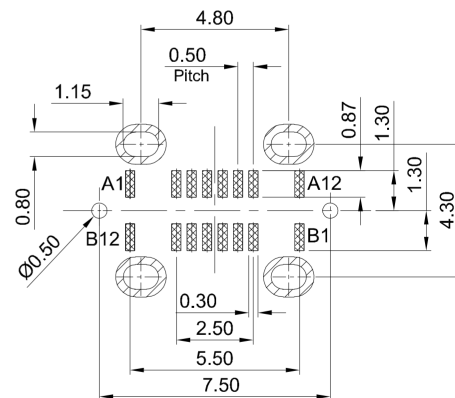
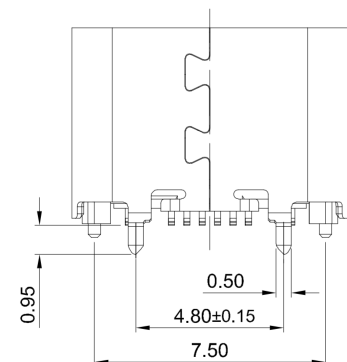
D

E

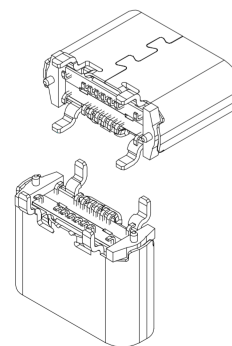


G-Switch USB-C Specification:

- 1.Current rated: 5A on vbus/1.25A on vconn/0.25A on other
- 2.Withstanding voltage: 100V AC/minute
- 3.Contact resistance: 40mΩ Max
- 4.Insulation resistance: 100MΩ Min
- 5.Operating temperature: -30°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	SHELL	STAINLESS STEEL304	NI PLATED
2	MID PLATE	STAINLESS STEEL301	NI PLATED
3	HOUSING	HIGH TEMPERATURE PLASTIC	LCP BLACK UL 94 V-0
4	TERMINALS	COPPER ALLOY C7025	Au 1u" PLATING ON CONTACT AREA



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° ±1°

Title: Vertical Type-c 16P Female
SMT H=6.4mm

Molde Code: GT-USB-7055BA

DRAWN	CHECKED	APPROVED	DATE
Jiang	Xia	Chen	2023.02.01

品赞科技
G-Switch
www.dg-switch.com

REV: A0 SHEET: 1/1