

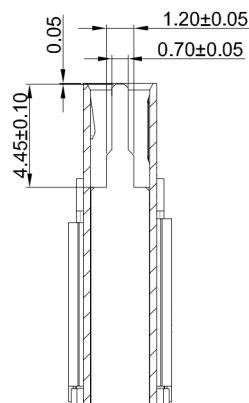
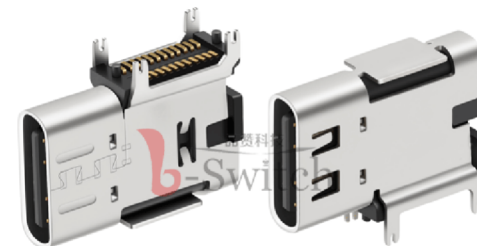
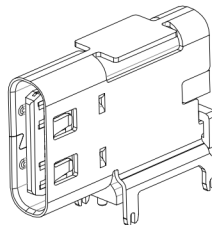
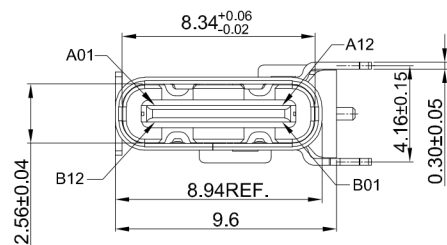
A

B

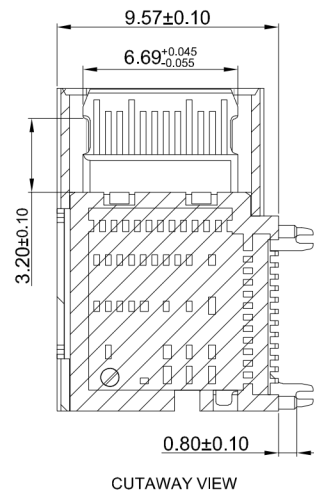
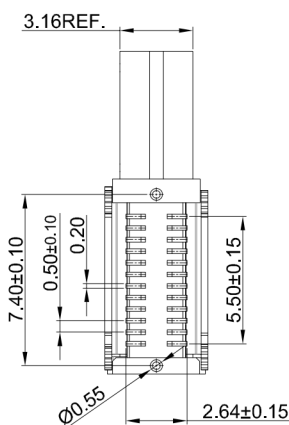
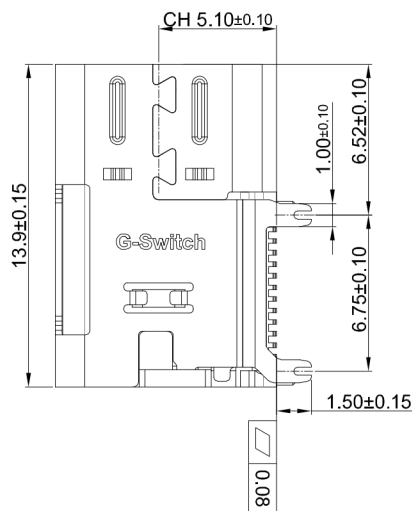
C

D

E



CUTAWAY VIEW

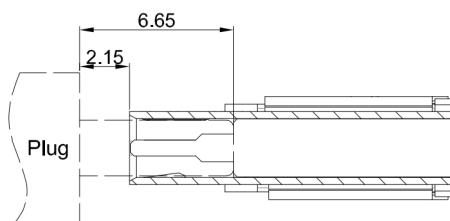


CUTAWAY VIEW

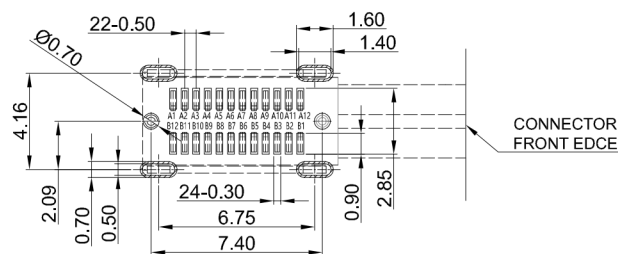
G-Switch USB-C Specification:

- 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: -40 °C ~ +85 °C
- 6.Mating force: 5N~20N
- 7.Unmating force: 8N~20N
- 8.Durability Cycle: 10,000 Cycles
- 9.Data transmission rate up to 5Gbp/s

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	SSTXp1	SSTXn1	VBUS	CC1	Dp1	Dn1	SBU1	VBUS	SSRXn2	SSRXp2	GND
First	Second	Second	First	Second	Second	Second	Second	First	Second	Second	First
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
GND	SSRXp1	SSRXn1	VBUS	SBU2	Dn2	Dp2	CC2	VBUS	SSTXn2	SSTXp2	GND
First	Second	Second	First	Second	Second	Second	Second	First	Second	Second	First



AFTER MATING

RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05

NO.	PARTS	MATERIAL	QTY	REMARKS
1	SHELL	STAINLESS STEEL	1Pcs	Ni PLATED
2	MID PLATE	STAINLESS STEEL	2Pcs	Ni PLATED
3	INSULATOR	HIGH TEMPERATURE PLASTIC	1Pcs	BLACK UL 94 V-0
4	TERMINAL	COPPER ALLOY	2Set	Au PLATING ON CONTACT AREA

**RoHS**
Compliant
EU RoHS StandardsSCALE: 3:1 UNIT: mm
SIZE: A4Unless otherwise
General Tolerance:
X. ±0.30
X.x ±0.25
X.xx ±0.15
X.xxx ±1°
AnglesTitle: Flag Type-c 24P Female
SMT CH=5.1 L=13.9mm

Molde Code: GT-USB-7092B

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2023.01.31

品赞科技
b-Switch
www.dg-switch.com

REV: A0 SHEET: 1/1