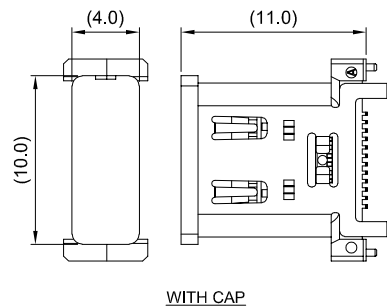
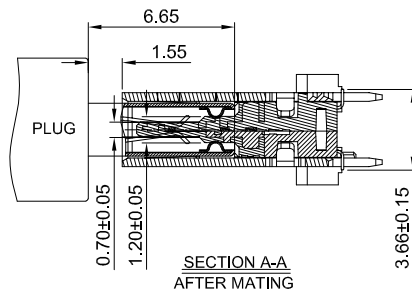
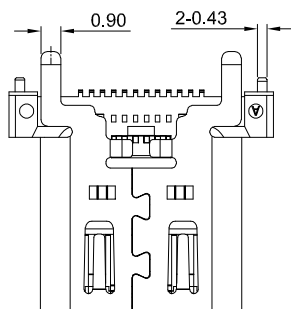
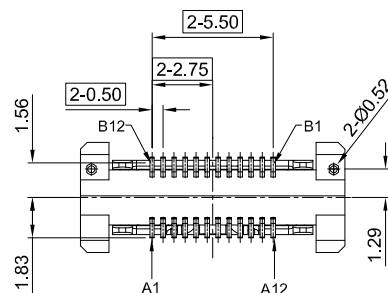
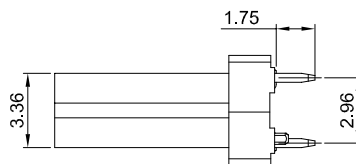
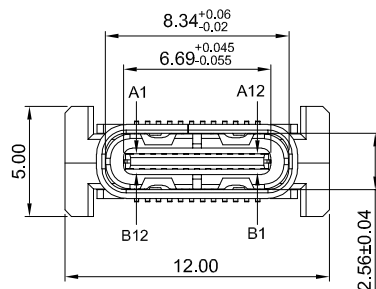


A



B

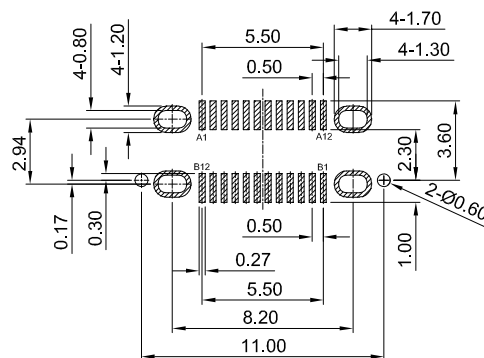
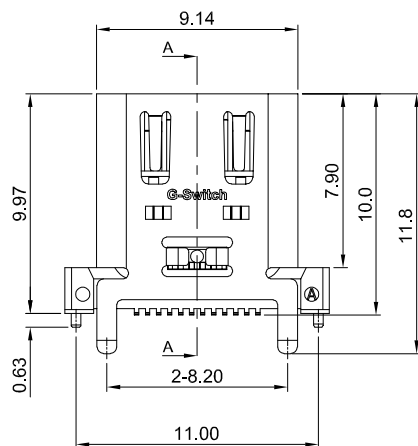


G-Switch USB-C Specification:

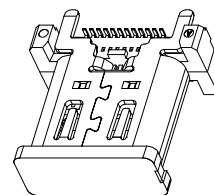
1. Current rated: 5A on vbus/1.25A on vconn/0.25A on other
2. Withstanding voltage: 100V AC/minute
3. Contact resistance: 40mΩ Max
4. Insulation resistance: 100MΩ Min
5. Operating temperature: -40°C ~ +85°C
6. Mating force: 5N~20N
7. Unmating force: 8N~20N
8. Durability cycle: 10,000 cycles
9. Data transmission rate up to 5Gbps
10. Compliant with: IEC62680-1-3

USB IF TID:13856

D



PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

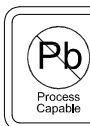


A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	TX1+	TX1-	VBUS	CC1	D+	D-	SBU1	VBUS	RX2-	RX2+	GND
First	Second	Second	First	Second	Second	Second	Second	First	Second	Second	First

B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
GND	RX1+	RX1-	VBUS	SBU2	D-	D+	CC2	VBUS	TX2-	TX2+	GND
First	Second	Second	First	Second	Second	Second	Second	First	Second	Second	First

E

NO.	PARTS	MATERIAL	REMARKS
1	SHELL	STAINLESS STEEL304	Ni30u"MIN PLATED
2	MID PLATE	STAINLESS STEEL301	CLEAN
3	HOUSING	HIGH TEMPERATURE PLASTIC	PA9T UL94 V-0
4	TERMINALS	COPPER ALLOY C7025	Au PLATING ON CONTACT AREA G/F PLATING ON SOLDER AREA



RoHS
Compliant
EU RoHS Standards



SCALE: 1:1 UNIT: mm
SIZE: A4

Unless otherwise
General Tolerance:
X. ±0.40
X.x ±0.30
X.xx ±0.20
X.xxx ±0.10
X" ±5°

Title: Vertical Type-C 24P Female
SMT H=10.0mm

Molde Code: GT-USB-9053A01

DRAWN	CHECKED	APPROVED	DATE
Xla	Chen	Chen	2024.03.10

品赞科技
b-Switch
www.dg-switch.com

REV: A0 SHEET: 1/2

A

B

D

E

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