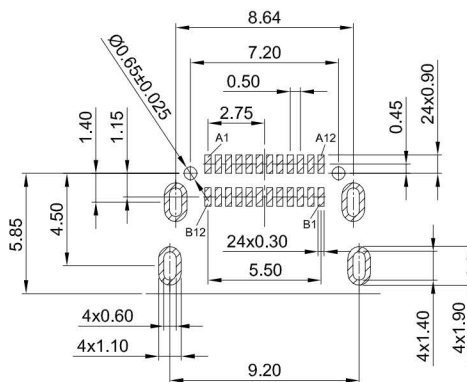
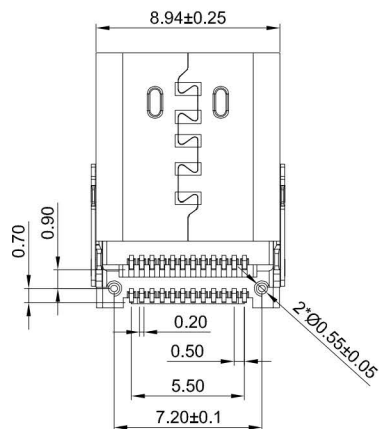
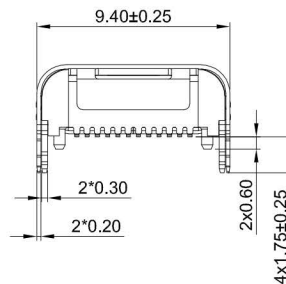
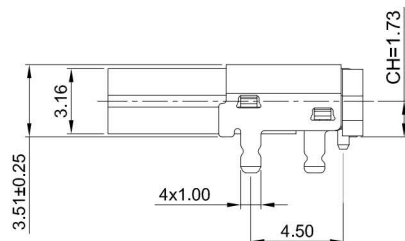
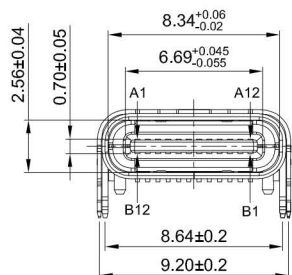
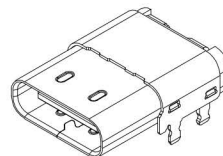


AFTER MATING



GT-USB-9068A-01	G/F PLATING ON CONTACT AREA
GT-USB-9068A-02	3u" PLATING ON CONTACT AREA

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
- 9.Compliant with: IEC62680-1-3

USB IF TID:13483

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

1	OUT SHELL	STAINLESS STEEL304	Ni30u"MIN PLATED
2	SHELL	STAINLESS STEEL304	Ni30u"MIN PLATED
3	EMI	STAINLESS STEEL304	—
4	MID PLATE	STAINLESS STEEL301	—
5	HOUSING	HIGH TEMPERATURE PLASTIC	LCP BLACK UL 94 V-0
6	TERMINALS	COPPER ALLOY C7025	G/F MIN PLATING ON CONTACT AREA
NO.	PARTS	MATERIAL	REMARKS

RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05RoHS
Compliant
EU RoHS StandardsSCALE: 1:1 UNIT: mm
SIZE: A4Unless otherwise
General Tolerance:X.x ±0.30
X.xx ±0.20
X.xxx ±0.10
X.x" ±3°Title: Horizontal Type-c 24P Female
SMT CH=1.73 L=12.4mm

Molde Code: GT-USB-9068A-01

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2023.02.01

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b-Switch
www.dg-switch.com

REV: A0 SHEET: 1/1