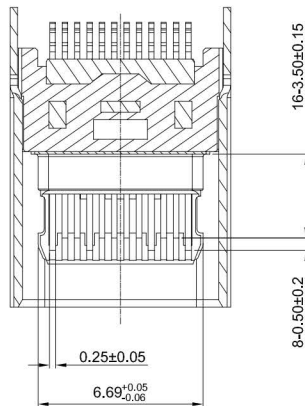
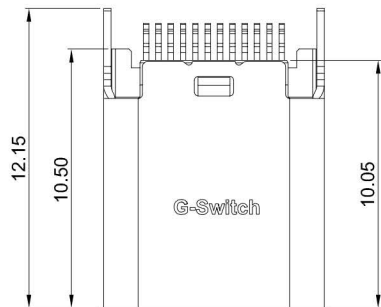
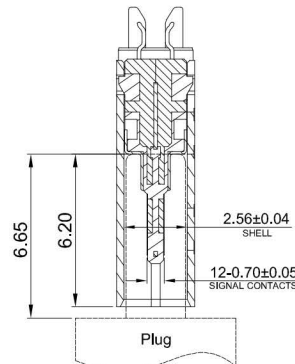




SECTION B-B

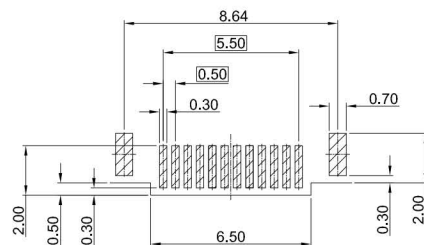
AFTER MATING
SECTION A-A**G-Switch USB-C Specification:**

- 1.Current rated: 5A on vbus/1.25A on vconn/0.25A on other
- 2.Voltage rating: 24V AC
- 3.Withstanding voltage: 100V AC/minute
- 4.Contact resistance: 40mΩ Max
- 5.Insulation resistance: 100MΩ Min
- 6.Operating temperature: -40°C ~ +85°C
- 7.Mating force: 5N~20N
- 8.Unmating force: 8N~20N
- 9.Durability cycle:10,000 cycles
- 10.Data transmission rate up to 40Gbp/s
- 11.Compliant with: IEC62680-1-3

USB IF TID:12315

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

RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05

Molde Code	Specification Description
GT-USB-9011D01-01	Au1u" Plating On Contact Area
GT-USB-9011D01-02	Au3u" Plating On Contact Area
GT-USB-9011D01-03	Au15u" Plating On Contact Area
GT-USB-9011D01-04	Au30u" Plating On Contact Area

NO.	PARTS	MATERIAL	REMARKS
1	SHELL	STAINLESS STEEL	Ni30u"MIN PLATED
2	GND PLATE	STAINLESS STEEL	--
3	MID PLATE	STAINLESS STEEL	Ni30u"MIN PLATED
4	HOUSING	HIGH TEMPERATURE PLASTIC	LCP BLACK UL 94 V-0
5	TERMINALS	PHOSPHOR BRONZE	Au1u"MIN PLATING ON CONTACT AREA

**RoHS**
Compliant
EU RoHS Standards

SCALE: 1:1	UNIT: mm	Title: Splint0.25 Type-c 24P Female SMT L=10.5mm			
SIZE: A4		Molde Code: GT-USB-9011D01-01			
Unless otherwise General Tolerance: X.x ±0.30 X.xx ±0.20 X.xxx ±0.10 X.x" ±3° X.xx" ±2°		DRAWN	CHECKED	APPROVED	DATE
		Xia	Chen	Chen	2023.02.01

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REV: A0 SHEET: 1/1