

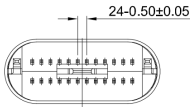
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Pinzan Electronics(Dongguan) Co., Ltd

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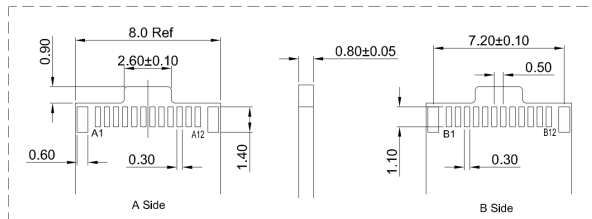
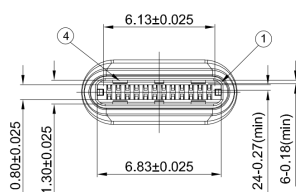
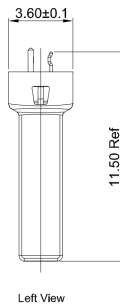
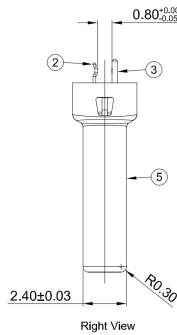
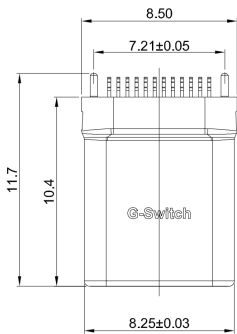


Molde Code	Specification Description
GT-USB-9802A02-01	Au1u" Plating On Contact Area
GT-USB-9802A02-02	Au3u" Plating On Contact Area
GT-USB-9802A02-03	Au15u" Plating On Contact Area
GT-USB-9802A02-04	Au30u" Plating On Contact Area

**G-Switch USB-C Specification:**

- 1.Current rated: 5A on vbus/1.25A on vconn/0.25A on other
- 2.Withstanding voltage: 24V AC
- 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 40Gbp/s
- 10.Compliant with: IEC62680-1-3

A12	A11	A10	A9	A8	A7	A6	A5	A4	A3	A2	A1
GND	RX2+	RX2-	VBUS	SBU1	D-	D+	CC1	VBUS	TX1+	TX1-	GND
First	Second	Second	First	Second	Second	Second	Second	First	Second	Second	First
B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12
GND	TX2+	TX2-	VBUS	VCONN	D+	D-	SBU2	VBUS	RX1+	RX1-	GND
First	Second	Second	First	Second	Second	Second	Second	First	Second	Second	First

RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05USB IF
TID:12316

5	SHELL	STAINLESS STEEL 316	Ni30u"MIN PLATED
4	EMC SPRING	STAINLESS STEEL 301	CLEAN
3	LATCH	STAINLESS STEEL 301	CLEAN
2	TERMINALS	COPPER ALLOY C7025	Au1u"MIN PLATING ON CONTACT AREA
1	HOUSING	HIGH TEMPERATURE PLASTIC	LCP BLACK UL 94 V-0
NO.	NAME	DESCRIPTION	REMARKS

SCALE: 4:1
SIZE: A4

Title: Splint Type-c 24P Plug L=10.4mm

Molde Code: GT-USB-9802A02

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2023.02.01



REV: A0 SHEET: 1/1

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