

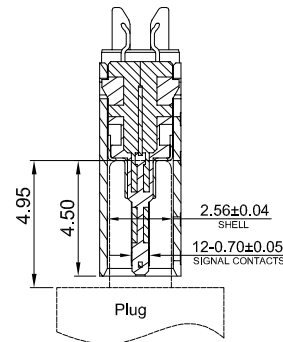
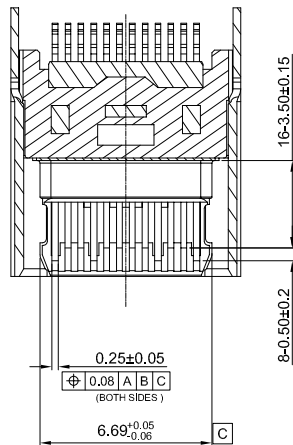
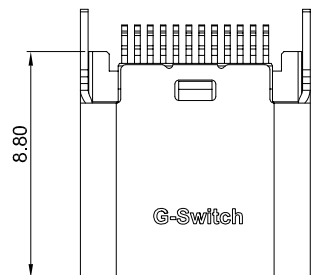
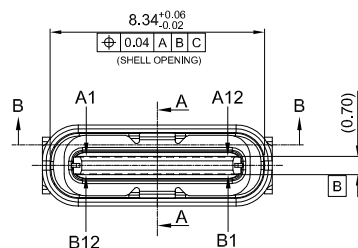
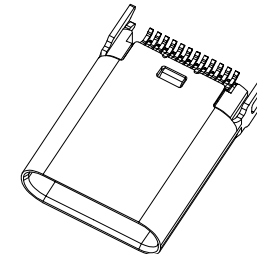
A

B

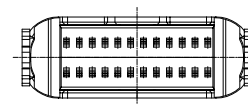
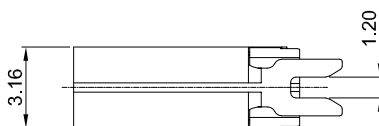
Pinzan Electronics(Dongguan) Co., Ltd

D

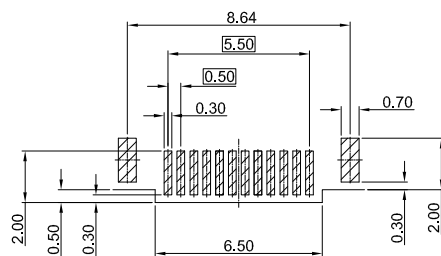
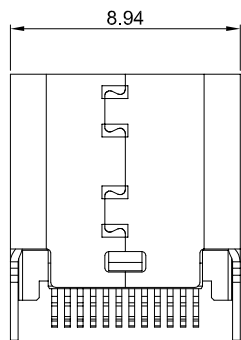
E

AFTER MATING
SECTION A-A

SECTION B-B

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

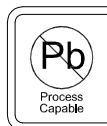
- 1.Current rated: 5A on vbus/1.25A on vconn/0.25A on other
- Voltage rating: 24V AC
- 2.Withstanding voltage: 100V AC/minute
- 3.Contact resistance: 40mΩ Max
- 4.Insulation resistance: 100MΩ Min
- 5.Operating temperature: -40°C ~ +85°C
- 6.Mating force: 5N~20N
- 7.Unmating force: 8N~20N
- 8.Durability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

RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05

Molde Code	Specification Description
GT-USB-9011A04-01	Au1u" Plating On Contact Area
GT-USB-9011A04-02	Au3u" Plating On Contact Area
GT-USB-9011A04-03	Au15u" Plating On Contact Area
GT-USB-9011A04-04	Au30u" Plating On Contact Area

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

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 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°
X..xx° ±2°Title: Splint1.2 Type-c 24P Female
SMT L=8.8mm

Molde Code: GT-USB-9011A04

DRAWN	CHECKED	APPROVED	DATE
Xla	Chen	Chen	2023.02.01

b-Switch
www.dg-switch.com

REV: A0 SHEET: 1/1

A

B

Pinzan Electronics(Dongguan) Co., Ltd

D

E