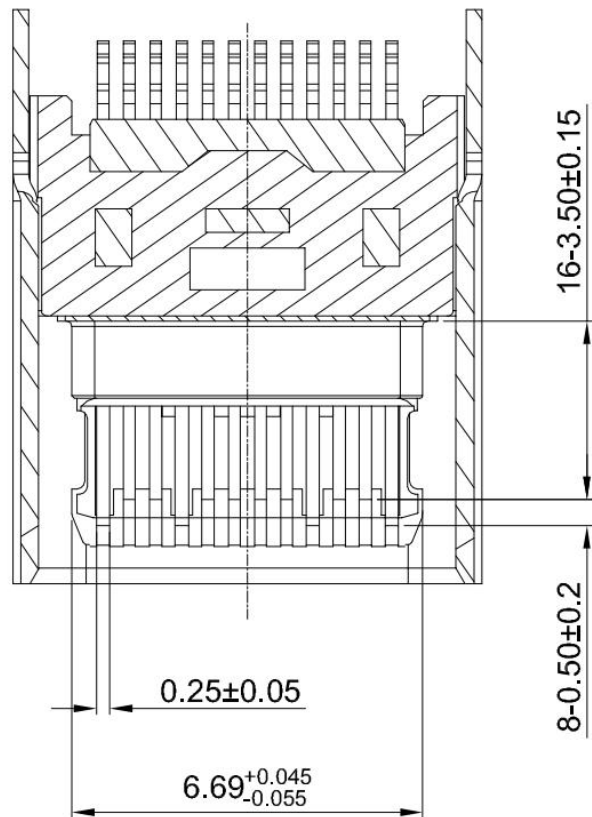
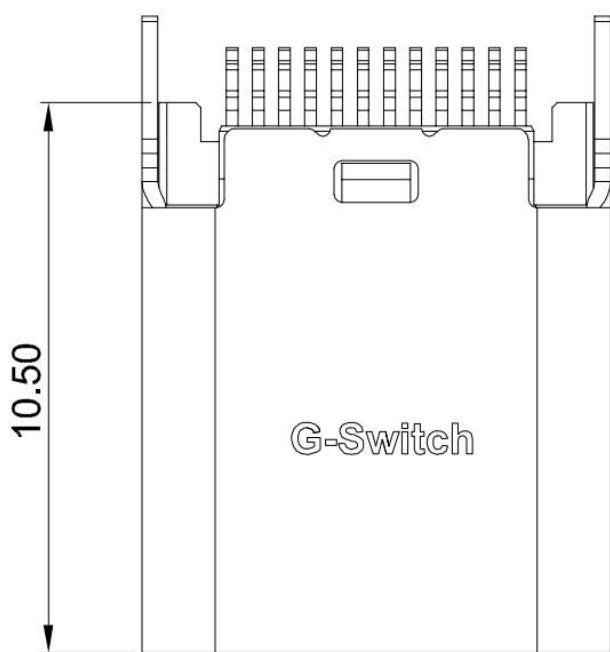
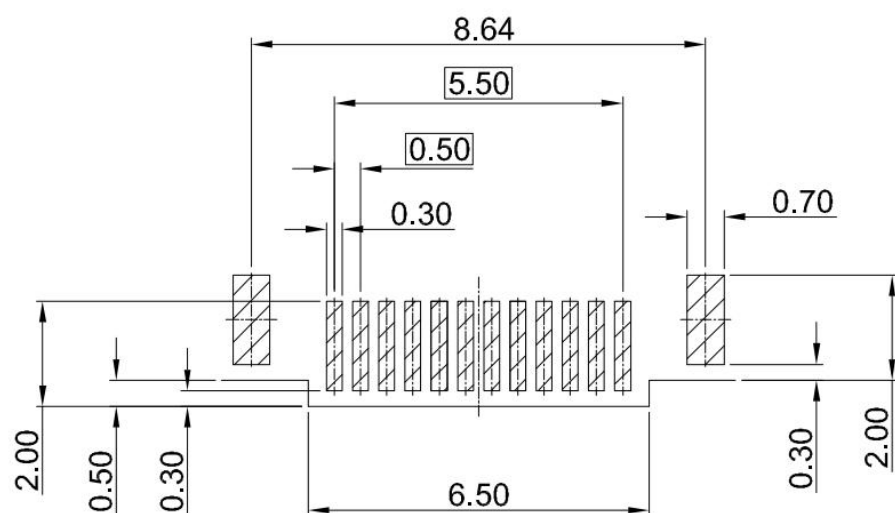
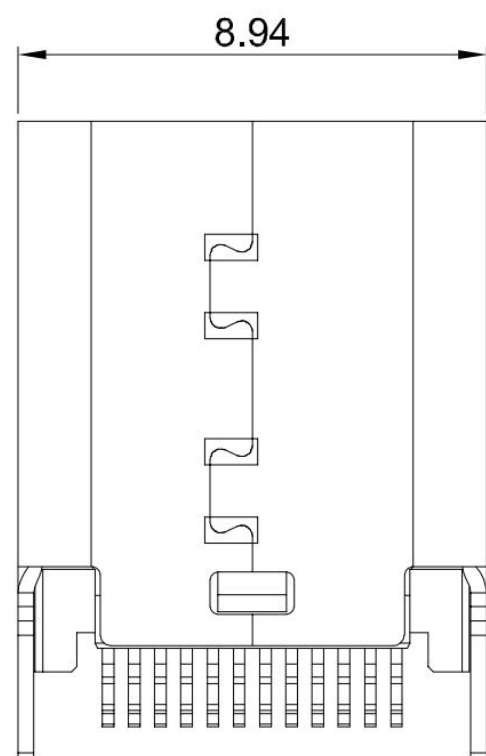
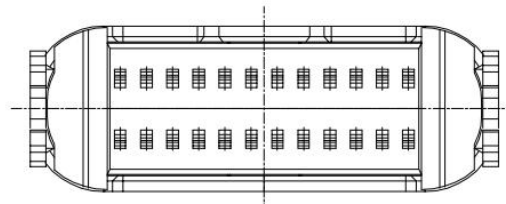
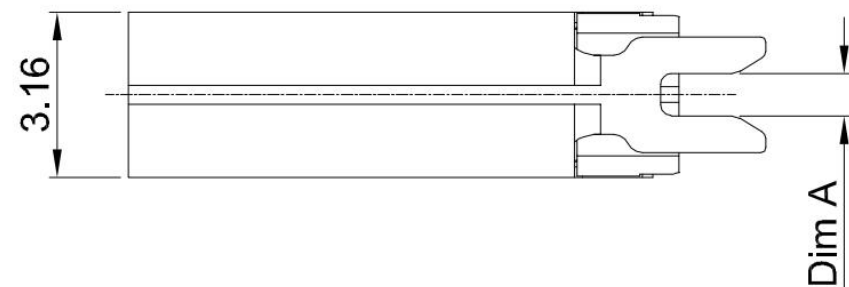
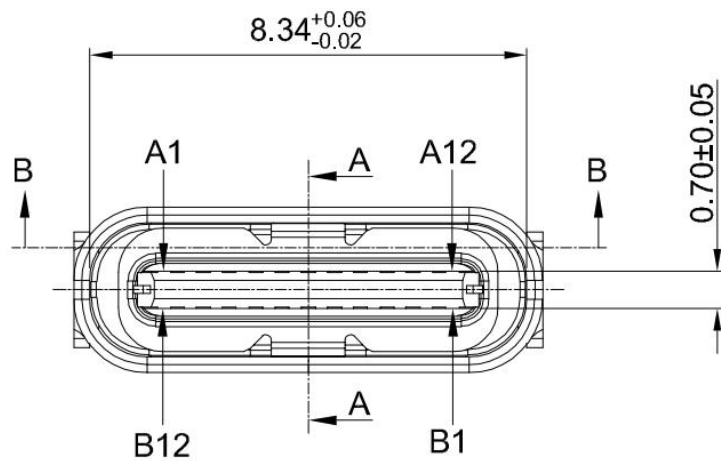
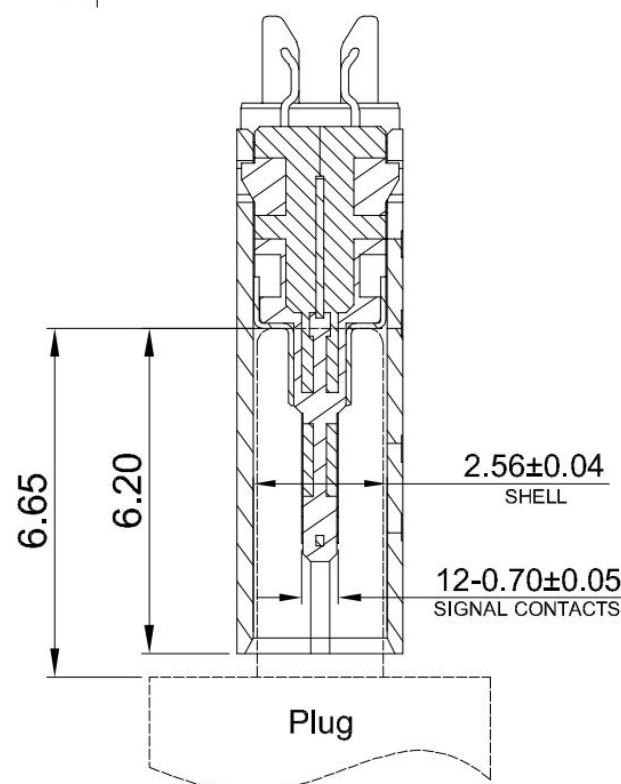




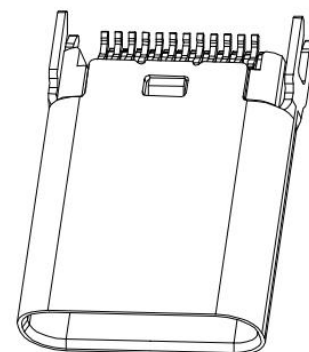
SECTION B-B



RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05



AFTER MATING
SECTION A-A



Molde Code	Specification Description
GT-USB-9011D01-01	Dim A=0.25mm,Au1u" Plating On Contact Area
GT-USB-9011D01-02	Dim A=0.25mm,Au3u" Plating On Contact Area
GT-USB-9011D01-03	Dim A=0.25mm,Au15u" Plating On Contact Area
GT-USB-9011D01-04	Dim A=0.25mm,Au30u" Plating On Contact Area
GT-USB-9011D02-01	Dim A=0.8mm,Au1u" Plating On Contact Area
GT-USB-9011D02-02	Dim A=0.8mm,Au3u" Plating On Contact Area
GT-USB-9011D02-03	Dim A=0.8mm,Au15u" Plating On Contact Area
GT-USB-9011D02-04	Dim A=0.8mm,Au30u" Plating On Contact Area
GT-USB-9011D03-01	Dim A=1.0mm,Au1u" Plating On Contact Area
GT-USB-9011D03-02	Dim A=1.0mm,Au3u" Plating On Contact Area
GT-USB-9011D03-03	Dim A=1.0mm,Au15u" Plating On Contact Area
GT-USB-9011D03-04	Dim A=1.0mm,Au30u" Plating On Contact Area
GT-USB-9011D04-01	Dim A=1.2mm,Au1u" Plating On Contact Area
GT-USB-9011D04-02	Dim A=1.2mm,Au3u" Plating On Contact Area
GT-USB-9011D04-03	Dim A=1.2mm,Au15u" Plating On Contact Area
GT-USB-9011D04-04	Dim A=1.2mm,Au30u" Plating On Contact Area



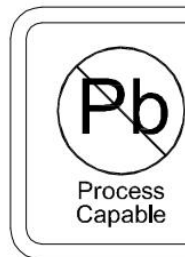
G-Switch USB-C Specification:

- 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℃ ~ +85℃
- 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

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

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
NO.	PARTS	MATERIAL	REMARKS



RoHS
Compliant
EU RoHS Standards



SCALE: 1:1
UNIT: mm
SIZE: A4

Unless otherwise
General Tolerance:
X.x ±0.30
X.xx ±0.20
X.xxx ±0.10
X.x° ±3°
X.xx° ±2°

Title: Splint0.25/0.8/1.0/1.2 Type-c 24P Female
SMT L=10.50mm

Molde Code: GT-USB-9011D

DRAWN	CHECKED	APPROVED	DATE
Jiang	Xia	Chen	2023.02.01



REV: A0 SHEET: 1/1