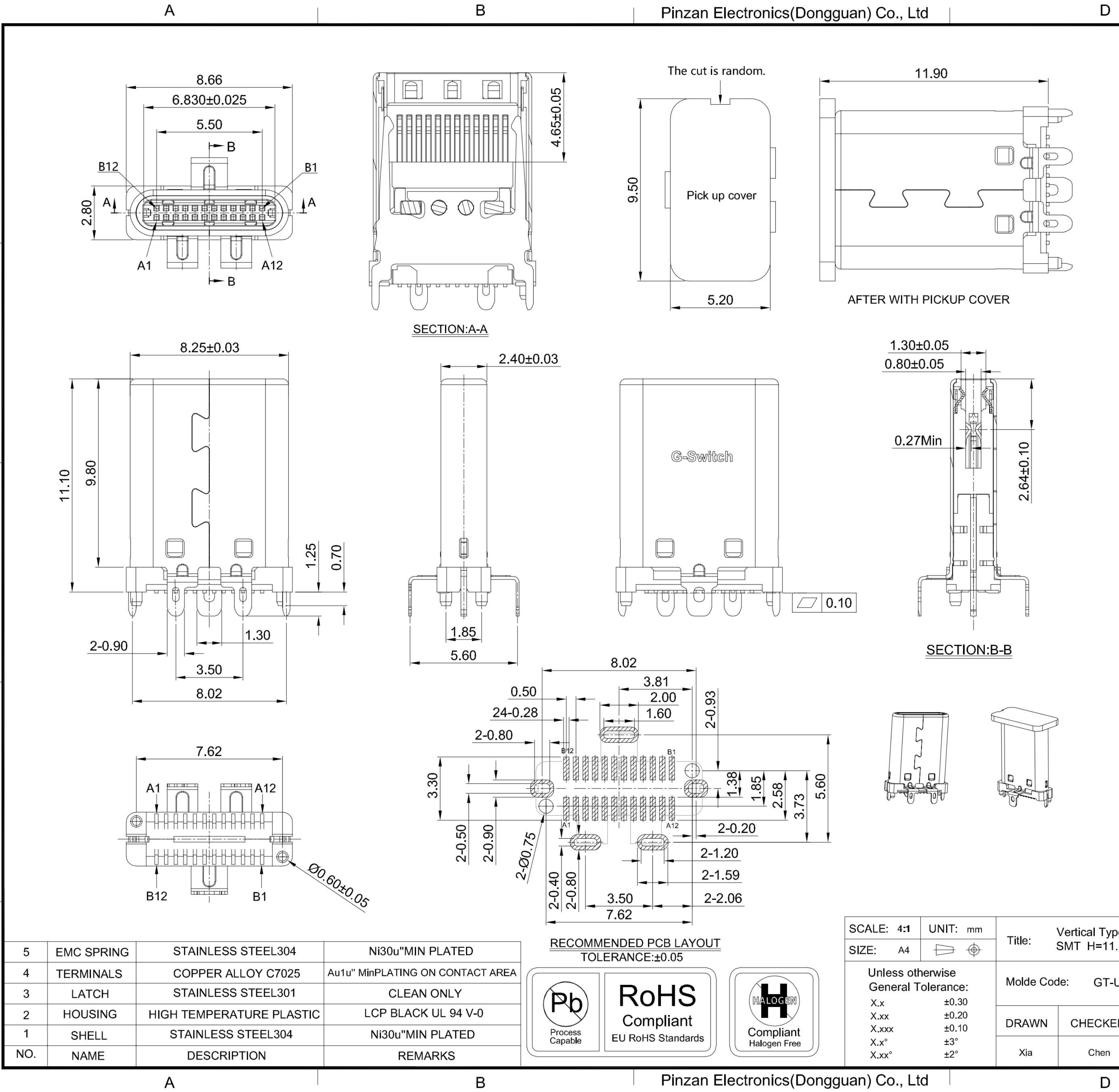


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G-Switch USB-C Specification:

- Current rated: 5A on vbus/1.25A on vconn/0.25A on other
- Voltage rating: 24V AC
- Contact resistance: 40mΩ Max
- Insulation resistance: 100MΩ Min
- Operating temperature: -40°C ~ +85°C
- Mating force: 5N~20N
- Unmating force: 8N~20N
- Durability cycle: 10,000 cycles
- Compliant with: IEC62680-1-3

USB IF TID:11922

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

SCALE: 4:1 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: Vertical Type-c 24P Plug SMT H=11.1mm

Molde Code: GT-USB-9818B

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2023.02.01

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b-Switch

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REV: A0	SHEET: 1/1
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5	EMC SPRING	STAINLESS STEEL304	Ni30u"MIN PLATED
4	TERMINALS	COPPER ALLOY C7025	Au1u" MinPLATING ON CONTACT AREA
3	LATCH	STAINLESS STEEL301	CLEAN ONLY
2	HOUSING	HIGH TEMPERATURE PLASTIC	LCP BLACK UL 94 V-0
1	SHELL	STAINLESS STEEL304	Ni30u"MIN PLATED
NO.	NAME	DESCRIPTION	REMARKS

RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05

