



CONTACT AREA	MOLDE CODE
Au1u"	GT-USB-9028B02-01
Au30u"	GT-USB-9028B02-30

G-Switch USB-C Specification:

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

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 304	Ni30u"MIN PLATED
2	MID PLATE	STAINLESS STEEL 301	Ni30u"MIN PLATED
3	HOUSING	LCP	BLACK UL 94V-0
4	TERMINALS	COPPER ALLOY C18400	Au PLATED ON CONTACT AREA G/F PLATED ON SOLDER AREA
5	CAP	LCP	BLACK UL 94V-0



SCALE: 1:1	UNIT: mm
SIZE: A4	
Unless otherwise General Tolerance:	
X.	±0.40
X.x	±0.30
X.xx	±0.20
X.xxx	±0.10
X"	±5°

Title: Vertical Type-C 24P Female SMT H=12.00mm			
Molde Code: GT-USB-9028B02-XX			
DRAWN	CHECKED	APPROVED	DATE
Wu	Xia	Chen	2025.02.03



REV: A0	SHEET: 1/1
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