

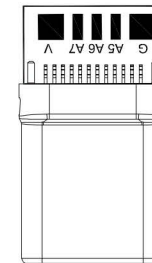
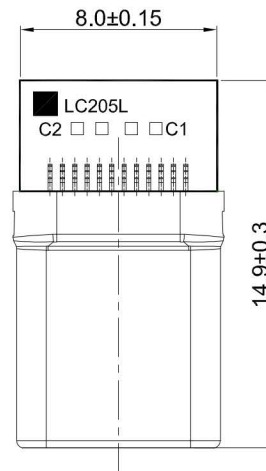
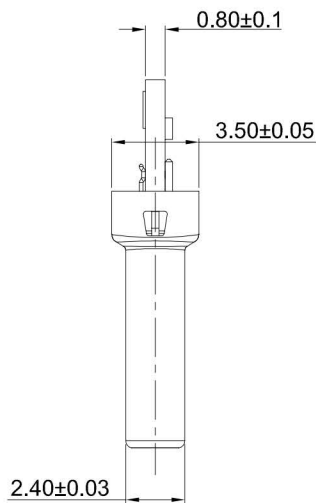
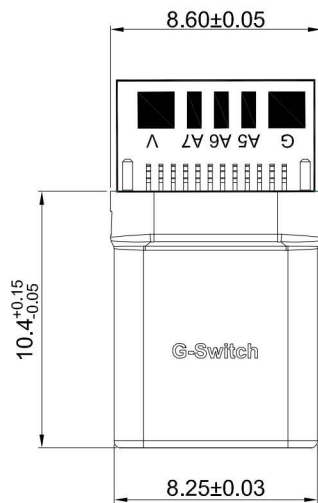
A

B

G-Switch Technology (Dongguan) Co., Ltd

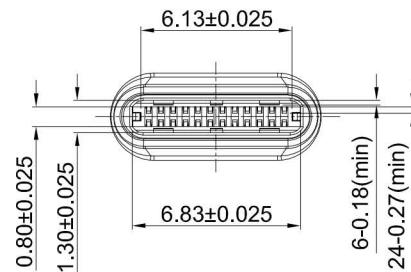
D

E



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
- Durability cycle: 10,000 cycles
- Compliant with: IEC62680-1-3



WIRING DIAGRAM:

TYPC CONN PIN

REMARK

A4/A9/B4/B9	VBUS
A5	CC
A6	D+
A7	D-
A1/A12/B1/B12	GND
SHELL	
A4/A9/B4/B9	VBUS

Molde Code	Specification Description
GT-USB-9802A04-01	Au1u" Plating On Contact Area
GT-USB-9802A04-02	Au3u" Plating On Contact Area
GT-USB-9802A04-03	Au15u" Plating On Contact Area
GT-USB-9802A04-04	Au30u" Plating On Contact Area

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			SBU2	VBUS	RX1-	RX1+	GND
First	Second	Second	First	Second			Second	First	Second	Second	First

6	PCB BORD	LC205L	
5	EMC SPRING	STAINLESS STEEL	NI30uMIN PLATED
4	TERMINALS	COPPER ALLOY C7025	Au30uMIN PLATING ON CONTACT AREA
3	LATCH	STAINLESS STEEL	---
2	HOUSING	HIGH TEMPERATURE PLASTIC	LCP BLACK UL 94 V-0
1	SHELL	STAINLESS STEEL	NI30uMIN PLATED
NO.	NAME	DESCRIPTION	REMARKS



RoHS
Compliant
EU RoHS Standards



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: Soldered Type Type-c 24P Plug
Splint L=14.9mm

Molde Code: GT-USB-9802A04-04

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2023.02.01

品赞科技®
b-Switch
www.dg-switch.com

REV: A0 SHEET: 1/1

A

B

G-Switch Technology (Dongguan) Co., Ltd

D

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