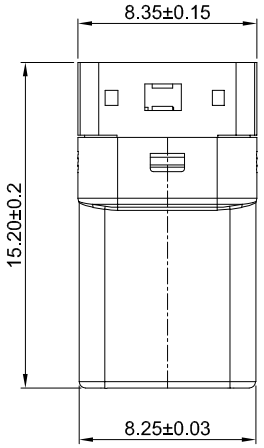
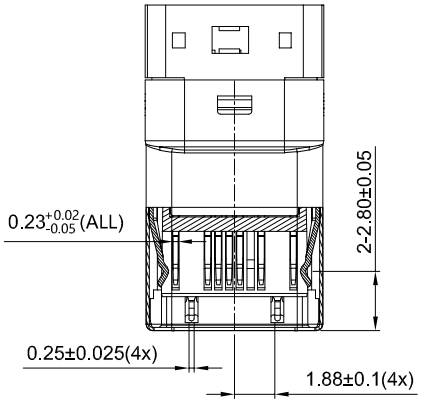
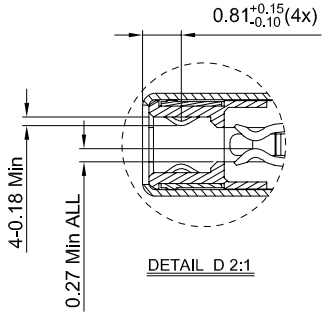
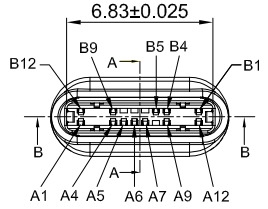


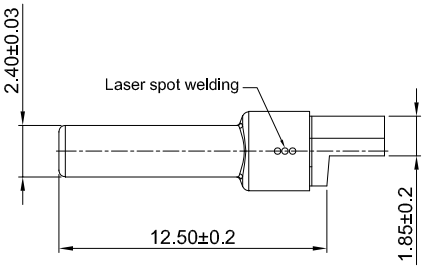


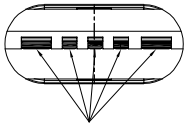
SECTION B-B



DETAIL D 2:1





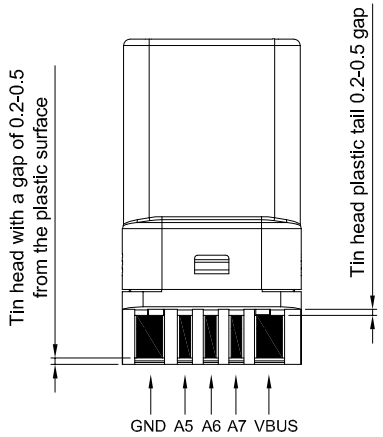


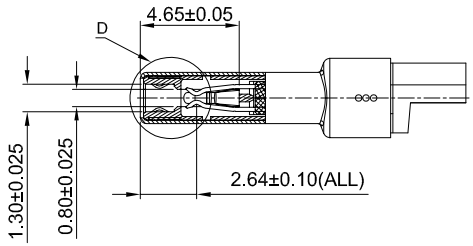
USB TYPE CM PIN:	PAD:
A1 A12 B1 B12	GND
A4 A9 B4 B9	VBUS
A5	A5
A6	A6
A7	A7
Latch+Shell	NO

G-Switch USB-C Specification:

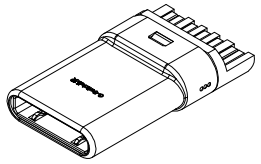
1.Current rated: 10A on vbus/1.25A
on vconn/0.25A on other
Voltage rating: 24V AC
2.Withstanding voltage: 100V AC/minute
3.Contact resistance: 40mΩ Max
4.Insulation resistance: 100MΩ Min
5.Operating temperature: -40°C ~ +85°C
6.Mating force: 5N~20N
7.Unmating force: 8N~20N
8.Durability cycle:10,000 cycles

USB IF TID:13482





SECTION A-A



A12			A9		A7	A6	A5	A4			A1
GND			VBUS		D-	D+	CC1	VBUS			GND
First			First		Second	Second	Second	First			First
B1			B4	B5				B9			B12
GND			VBUS	VCONN				VBUS			GND
First			First	Second				First			First

GT-USB-9805B-01	GF PLATING ON CONTACT AREA
GT-USB-9805B-02	3u PLATING ON CONTACT AREA
GT-USB-9805B-03	30u PLATING ON CONTACT AREA

NO.	NAME	DESCRIPTION	REMARKS
6	SHELL	STAINLESS STEEL316	Ni30uMIN PLATED
5	EMC SPRING	STAINLESS STEEL301	Ni30uMIN PLATED
4	TERMINALS	COPPER ALLOY C7025	AuGFMIN PLATING ON CONTACT AREA
3	LATCH	STAINLESS STEEL301	--
2	HOUSING	HIGH TEMPERATURE PLASTIC	LCP BLACK UL 94 V-0
1	Tin		Ø0.6

Pb Process Capable | RoHS Compliant EU RoHS Standards | Compliant Halogen Free

SCALE: 4:1	UNIT: mm	Title: Type-c 12P Plug Soldered Type L=15.2mm	
SIZE: A4		Molde Code: GT-USB-9805B	
Unless otherwise General Tolerance: X.x ±0.30, X.xx ±0.20, X.xxx ±0.10, X.x° ±3°, X.xx° ±2°			
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

品赞电子（东莞）有限公司