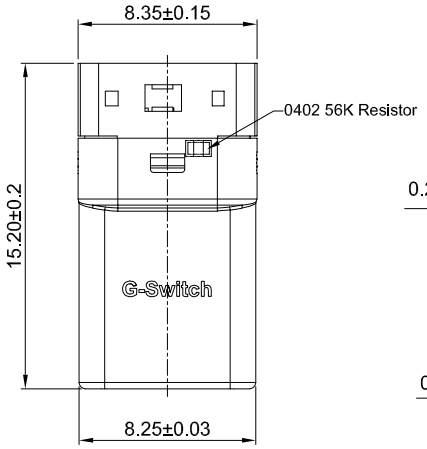
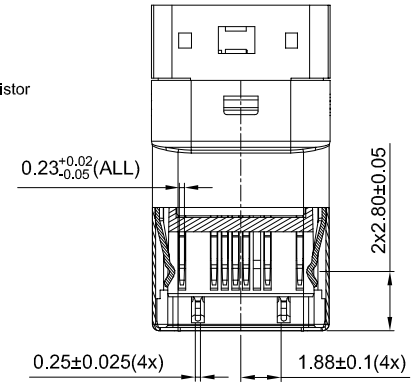
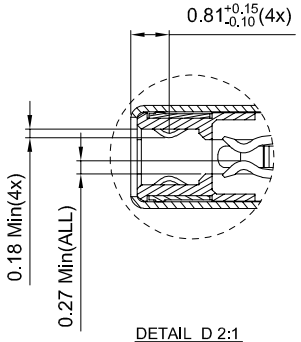


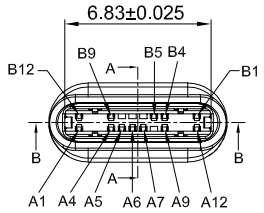


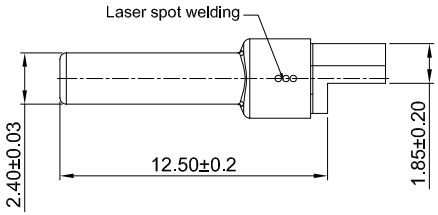
SECTION B-B

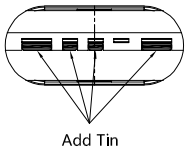


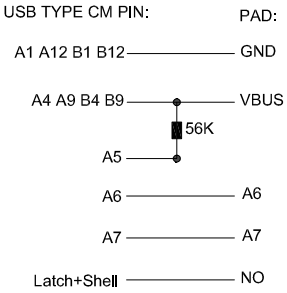
DETAIL D 2:1

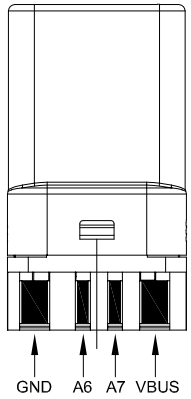


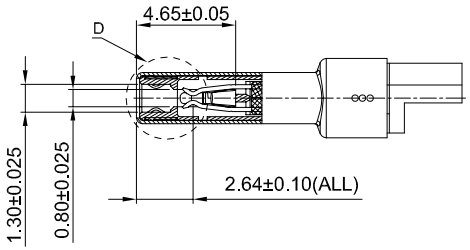




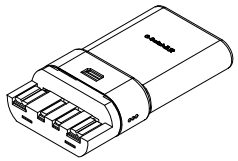








SECTION A-A



GT-USB-9805A-01	GF PLATING ON CONTACT AREA
GT-USB-9805A-02	3u 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°C ~ +85°C
6.Mating force: 5N~20N
7.Unmating force: 8N~20N
8.Durability cycle:10,000 cycles

USB IF TID:13481

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

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 | Halogen Free Compliant Halogen Free

SCALE: 4:1	UNIT: mm	Title:	Type-c 12P Plug Soldered Type L=15.2mm With 56K Resistor
SIZE: A4		Molde Code:	GT-USB-9805A

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