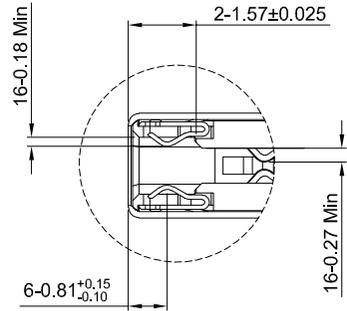
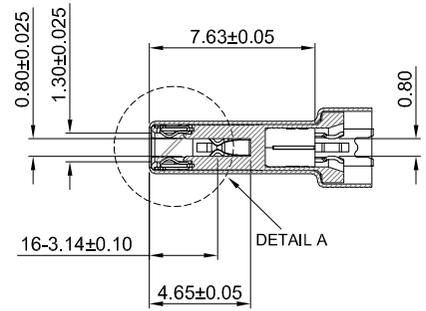
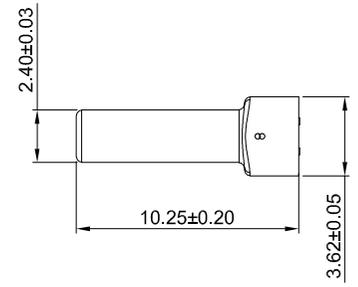
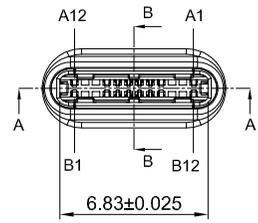
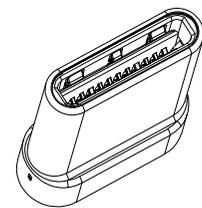


SECTION A-A



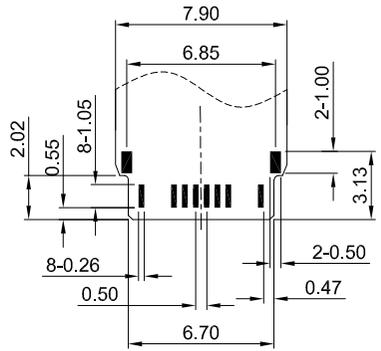
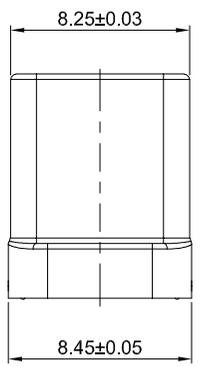
DETAIL A



SECTION B-B

**G-Switch USB-C Specification:**

- 1.Current rated: 5A on vbus/1.25A on vconn/0.25A on other
- 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,after durability test: 6N~20N
- 8.Durability cycle:10,000 cycles



PCB REFERENCE DIAGRAM  
TOLERANCE:±0.05

A12	A11	A10	A9	A8	A7	A6	A5	A4	A3	A2	A1
GND			VBUS	SBU1	D-	D+	CC1	VBUS			GND
First			First	Second	Second	Second	Second	First			First
B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12
GND			VBUS	VCONN			SBU2	VBUS			GND
First			First	Second			Second	First			First

5	EMC SPRING	STAINLESS STEEL 301	-
4	TERMINALS	COPPER ALLOY C7025	G/F PLATED ON CONTACT AREA Tin PLATED ON SOLDER AREA
3	LATCH	STAINLESS STEEL 301	-
2	HOUSING	LCP	BLACK UL 94V-0
1	SHELL	STAINLESS STEEL S316	Ni40uMIN PLATED
NO.	NAME	DESCRIPTION	REMARKS



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: Splint Type-C 16P Plug L=10.25mm

Molde Code: GT-USB-8027A

DRAWN	CHECKED	APPROVED	DATE
Wu	Xla	Chen	2025.01.14



REV: A0 SHEET: 1/1