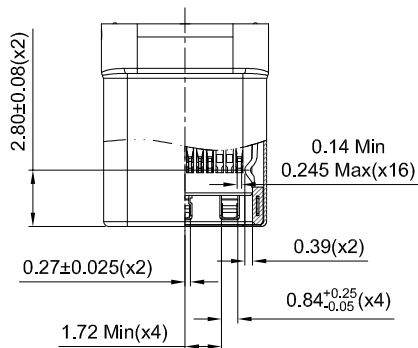
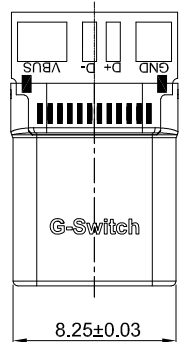
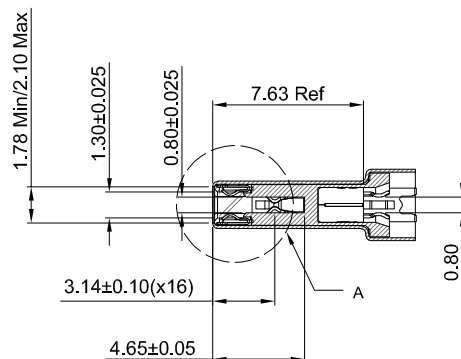
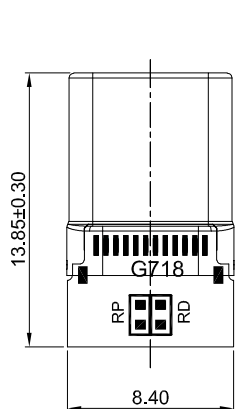
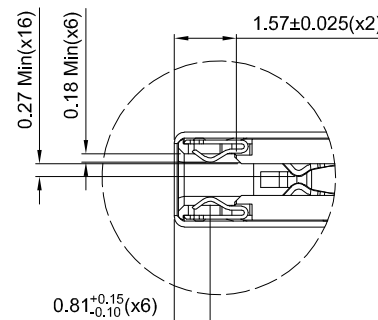


G-Switch USB-C Specification:

- 1.Current rated: 5A on vbus/1.25A on vconn/0.25A on other
- 2.Withstanding voltage: 250V AC/minute
- 3.Contact resistance: 40mΩ Max
- 4.Insulation resistance: 100MQ 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



SECTION B-B



DETAIL A

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

7	CLIP	SUS301	—
6	SHRAPNEL	SUS301	—
5	SHELL	SUS316	Ni40u"MIN PLATED
4	TERMINAL	C7025	G/F PLATED ON CONTACT AREA Tin PLATED ON SOLDER AREA
3	LATCH	SUS301	—
2	HOUSING	LCP	BLACK UL 94V-0
1	HOUSING STOPPER	LCP	BLACK UL 94V-0
NO.	NAME	DESCRIPTION	REMARKS

MOLDE CODE	DESCRIPTION
GT-USB-8028A01-01	2.0C-G718-RP RP:0402 56K G/F
GT-USB-8028A02-01	2.0C-G718-RD RD:0402 5.1K G/F

SCALE: 4:1 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-8028AXX-01

DRAWN	CHECKED	APPROVED	DATE
Xla	Chen	Chen	2025.03.10

品赞科技
b-Switch
www.dg-switch.com

REV: A0 SHEET: 1/1