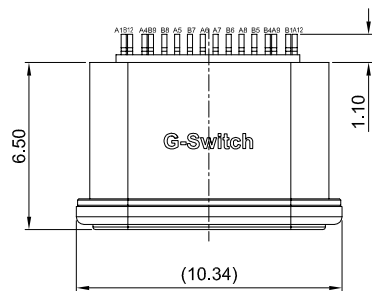
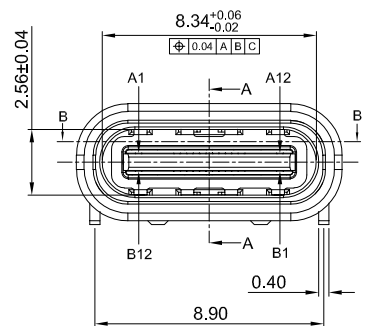


1

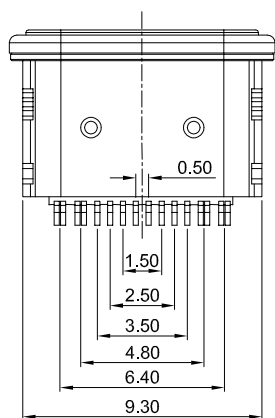
A



B



C

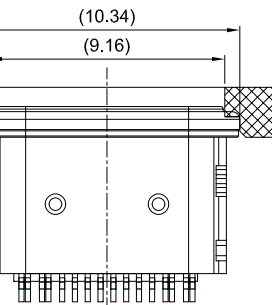


D

1	SHELL	SUS304	Ni PLATED
2	EMC	SUS304	--
3	MID PLATE	SUS301	--
4	HOUSING	PA9T	BLACK UL 94V-0
5	TERMINALS	C2680	Au1u" PLATED ON CONTACT AREA Au1u" PLATED ON SOLDER AREA
6	RUBBER	UV	RED
NO.	PARTS	MATERIAL	REMARKS

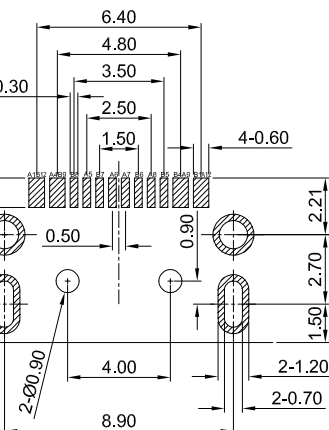
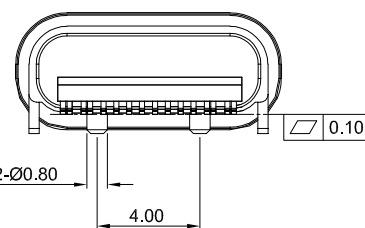
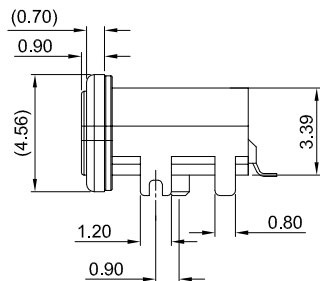
1

2



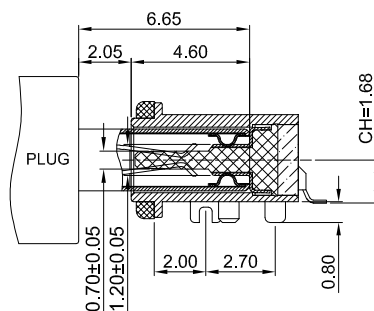
REFERENCE ASSEMBLY

(0.70)

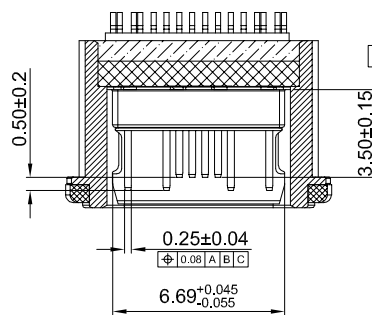
PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

2

3



AFTER MATING



SECTION B-B



3

4



GT - USB - 9118 A - 00

Serial Code

Contact Area
01=Au1u"**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, after durability test: 6N~20N
- Durability cycle: 10,000 cycles
- Waterproof grade: IP-X7

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND			VBUS	CC1	D+	D-	SBU1	VBUS			GND
First			First	Second	Second	Second	Second	First			First
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
GND			VBUS	SBU2	D-	D+	CC2	VBUS			GND
First			First	Second	Second	Second	Second	First			First

A

B

C

D

E

SCALE: 1:1 UNIT: mm
SIZE: A4Title: Horizontal Type-C 16P Female
SMT CH=1.68 L=6.5mmUnless otherwise
General Tolerance:
X. ±0.40
X.x ±0.30
X.xx ±0.20
X.xxx ±0.10
X* ±5°

Molde Code: GT-USB-9118A-01

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2025.03.14

品赞科技
b-Switch
www.dg-switch.com

REV: A0 SHEET: 1/1

4

5