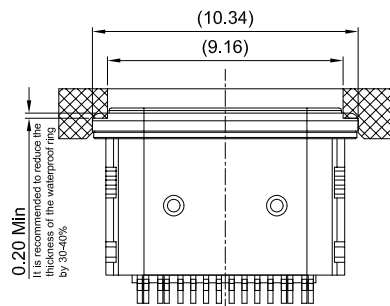
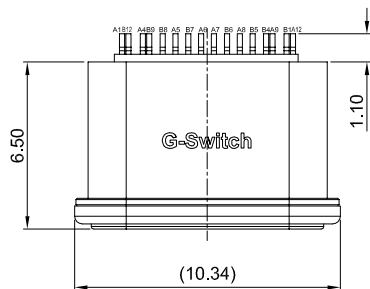
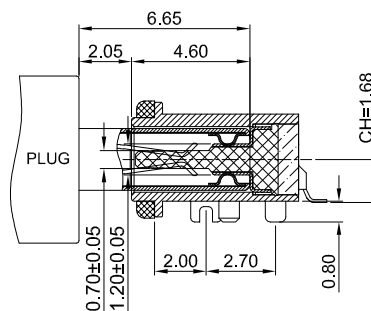


A



REFERENCE ASSEMBLY



AFTER MATING



GT - USB - 9118 A - 00

Serial Code

Contact Area

00=G/F

01=Au1μ"

03=Au3μ"

05=Au5μ"

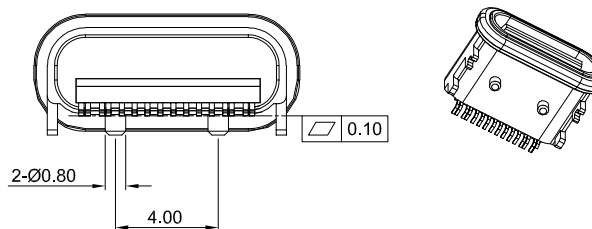
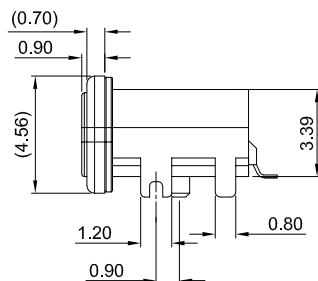
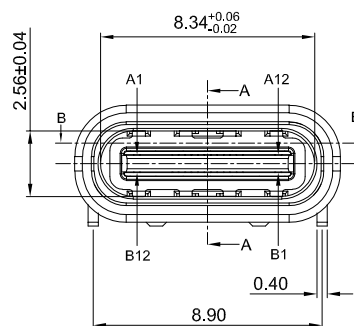
...

USB IF TID:13113

G-Switch USB-C Specification:

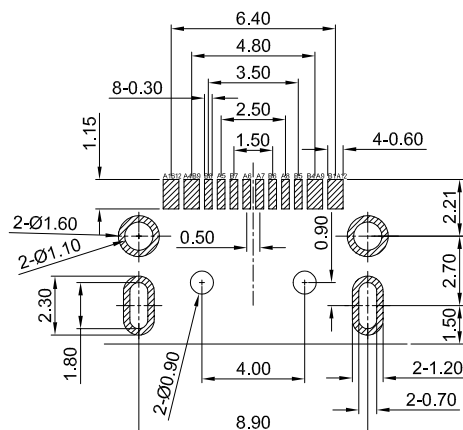
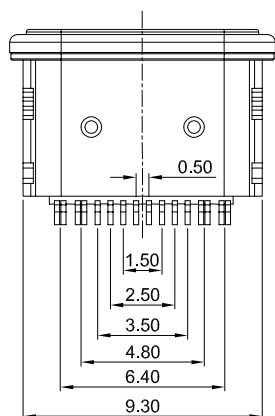
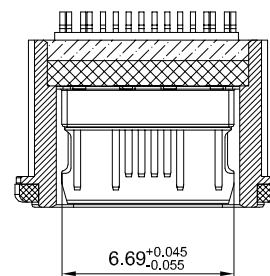
- Current rated: 5A on vbus/1.25A on vconn/0.25A on other
- Voltage rating: 20V AC/DC
- Contact resistance: 40mΩ Max
- Insulation resistance: 100MΩ Min
- Operating temperature: -40°C ~ +85°C
- Mating force: 5N~20N
- Unmating force: 8N~20N, after durability test: 6N~20N
- Durability cycle: 10,000 cycles
- Waterproof grade: IPX7

B

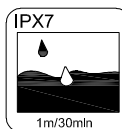


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D

PCB REFERENCE DIAGRAM
TOLERANCE: ±0.05

SECTION B-B

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: IPX7 Horizontal Type-C 16P Female
SMT CH=1.68 L=6.5mm

Molde Code: GT-USB-9118A-00

DRAWN	CHECKED	APPROVED	DATE
Xla	Chen	Chen	2025.03.14

品赞科技
b-Switch
www.dg-switch.com

REV: A0 SHEET: 1/1

NO.	PARTS	MATERIAL	REMARKS
1	SHELL	SUS304	Ni30μ" PLATED
2	EMC	SUS304	--
3	MID PLATE	SUS301	--
4	HOUSING	PA9T	BLACK UL 94V-0
5	TERMINALS	C2680	Au1μ" PLATED ON CONTACT AREA Au1μ" PLATED ON SOLDER AREA
6	RUBBER	UV	RED

A

B

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D

E