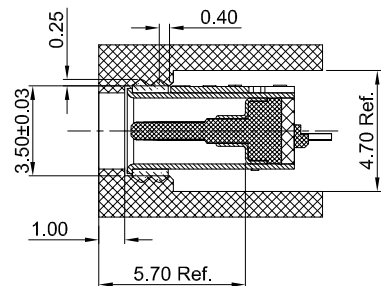
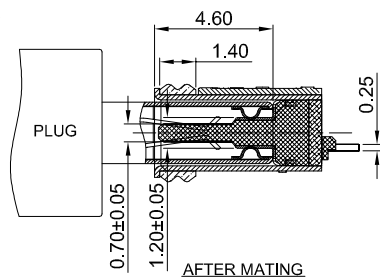
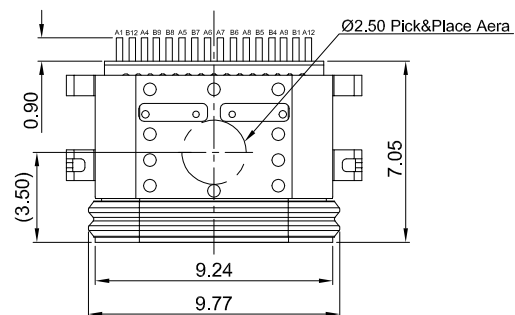


A

A

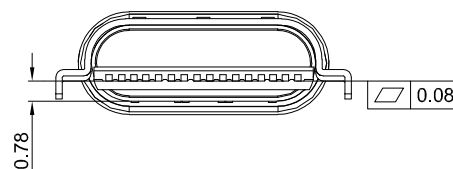
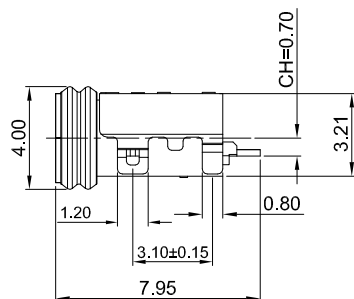
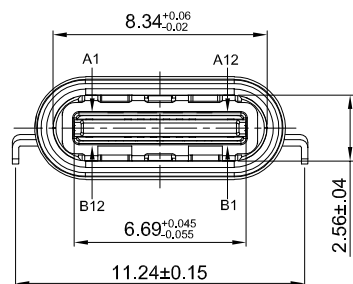


REFERENCE ASSEMBLY



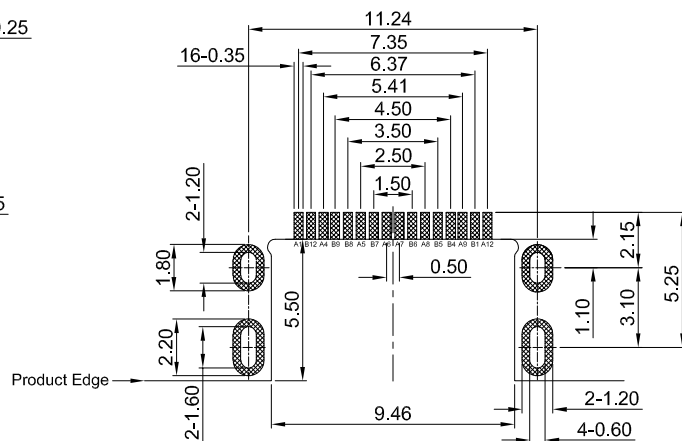
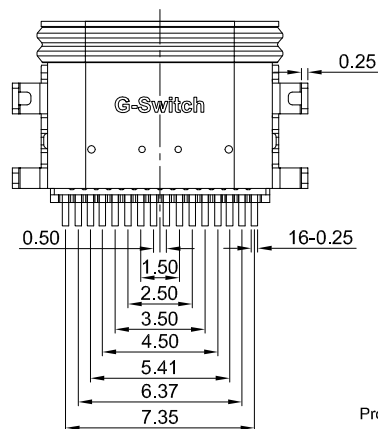
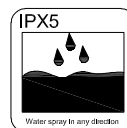
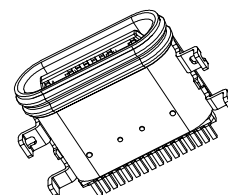
B

B



C

C

PCB REFERENCE DIAGRAM
TOLERANCE:±0.05**G-Switch USB-C Specification:**

- 1.Current rated: 8A 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
- 9.Waterproof grade: IP-X5

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

D

D

NO.	PARTS	MATERIAL	REMARKS
1	COVER SHELL	STAINLESS STEEL	NI PLATED
2	SHELL	STAINLESS STEEL	NI PLATED
3	EMC PLATE	STAINLESS STEEL	---
4	MID PLATE	STAINLESS STEEL	NI PLATED
5	HOUSING	PA9T	BLACK UL 94V-0
6	TERMINALS	COPPER ALLOY	Au1u" PLATED ON CONTACT AREA G/F PLATED ON SOLDER AREA
7	RUBBER	SILICA GEL	BLACK
8	SEALING	SILICON DIOXIDE	BLACK

SCALE: 1:1 UNIT: mm
SIZE: A4Unless otherwise
General Tolerance:
X. ±0.40
X.x ±0.30
X.xx ±0.20
X.xxx ±0.10
X* ±5°Title: Horizontal Type-C 16P Female
SMT Mid-Mount 0.78 CH=0.7 L=7.05mm

Molde Code: GT-USB-7202B-01

DRAWN	CHECKED	APPROVED	DATE
Xla	Chen	Chen	2025.02.08

品赞科技
b-Switch
www.dg-switch.com

REV: A0 SHEET: 1/1

E

E

1

2

3

4

5