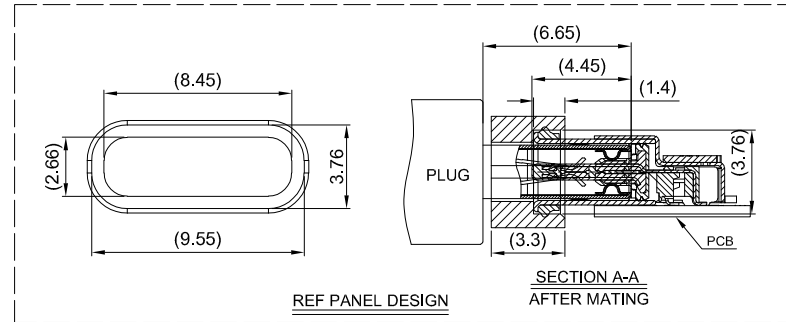
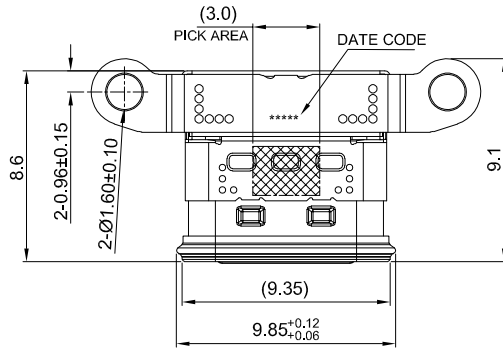
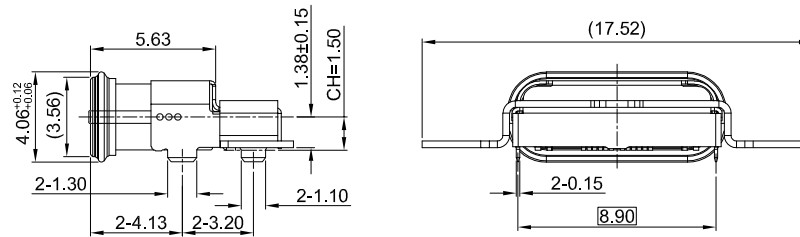
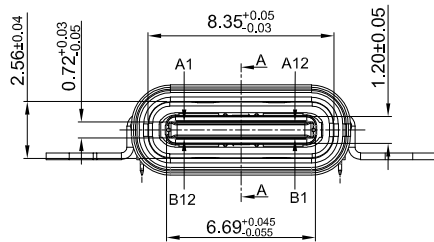


A



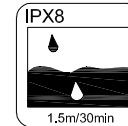
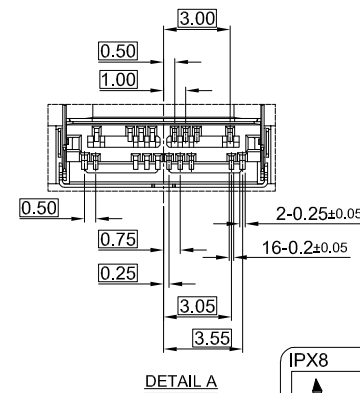
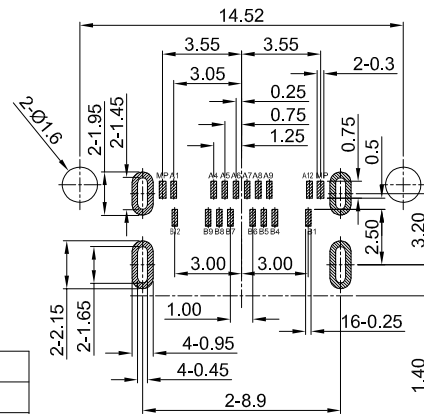
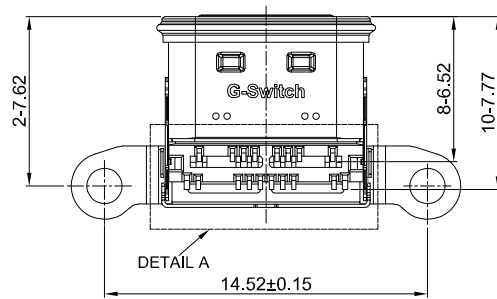
B

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

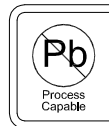
1. Current rated: 5A on vbus/1.25A on vconn/0.25A on other
2. Withstanding voltage: 100V AC/minute
3. Contact resistance: 40mΩ Max
4. Insulation resistance: 100MΩ Min
5. Operating temperature: -40°C ~ +85°C
6. Mating force: 5N~20N
7. Unmating force: 8N~20N
8. Durability cycle: 10,000 cycles
9. Waterproof grade: IP-X8.
10. Compliant with: IEC62680-1-3

USB IF TID:14747

D

PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

10	BRACKET	SUS301	Ni30u"MIN PLATED
9	EMI	SUS301	Ni30u"MIN PLATED
8	ADHESIVE	EPOXY RESIN	BLACK
7	WATERPROOF RING	SILIGA GEL	BLACK
6	INSIDE PLATE	SUS304	--
5	OUT SHELL	SUS304	Ni30u"MIN PLATED
4	INNER SHELL	SUS316	--
3	MID PLATE	SUS301	--
2	TERMINALS	COPPER ALLOY C7025	Au3u"MIN PLATING ON CONTACT AREA Au1u"MIN PLATING ON SOLDER AREA
1	HOUSING	PA9T	BLACK UL 94 V-0
NO.	PARTS	MATERIAL	REMARKS

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: IPX8 Horizontal Type-C 16P Female
SMT CH=1.5 L=9.1mm

Molde Code: GT-USB-9045F

DRAWN	CHECKED	APPROVED	DATE
Wu	Xla	Chen	2024.12.17

品赞科技
b-Switch
www.dg-switch.com

REV: A1 SHEET: 1/1

A

B

D

E