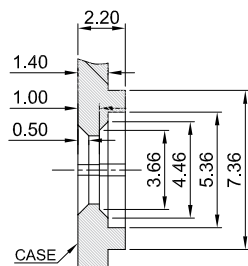
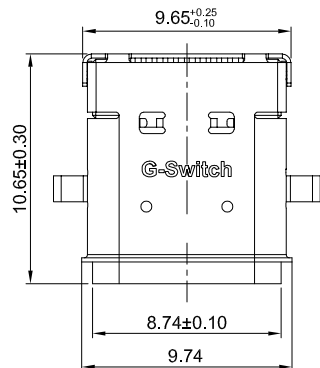
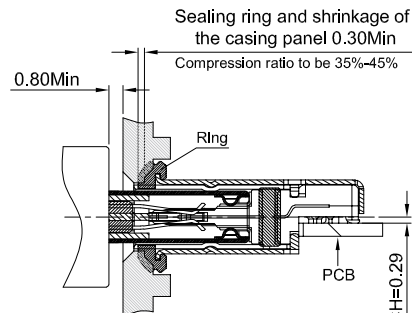
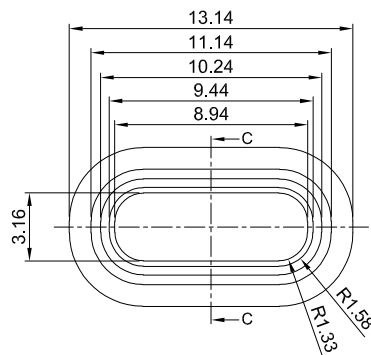
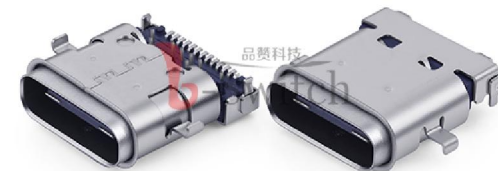


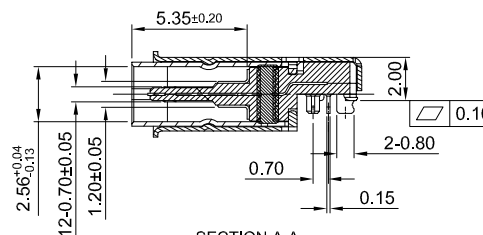
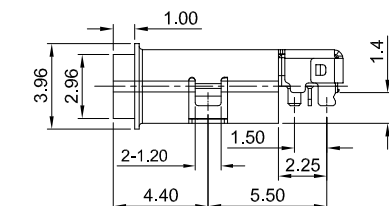
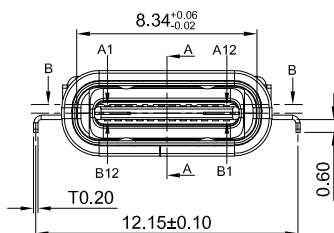
A



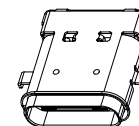
SECTION C-C

RECOMMENDED ASSEMBLY
TOLERANCE: ±0.03mm

B

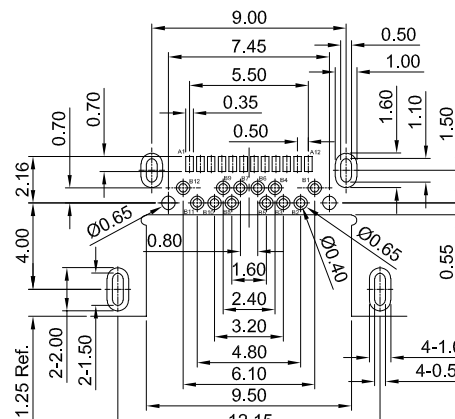
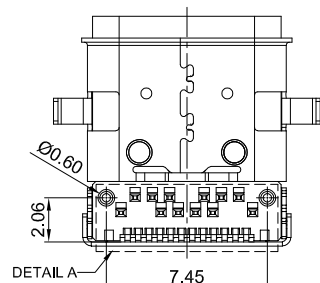
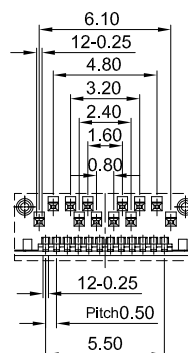


SECTION A-A

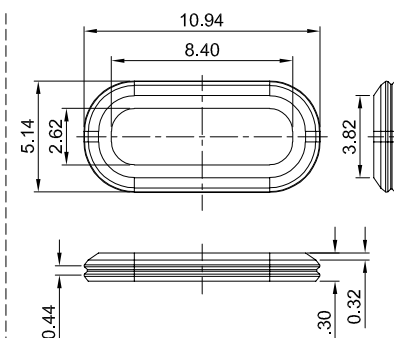
**G-Switch USB-C Specification:**

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. Data transmission rate up to 40Gbp/s
10. Waterproof grade: IP-X8
11. Compliant with: IEC62680-1-3

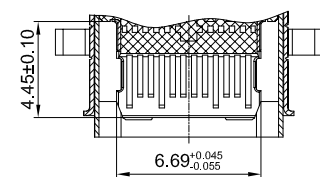
USB IF TID:14935

PCB REFERENCE DIAGRAM
TOLERANCE: ±0.05

DETAIL A

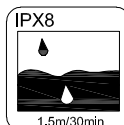
Suggested waterproof ring specifications
material silicone rubber

D



SECTION B-B

1	COVER SHELL	STAINLESS STEEL201	NI30u"MIN PLATED
2	SHELL	POWDER METALLURGY	NI30u"MIN PLATED
3	GROUND SHELL	STAINLESS STEEL304	NI30u"MIN PLATED
4	MID PLATE	STAINLESS STEEL301	CLEAN ONLY
5	HOUSING	HIGH TEMPERATURE PLASTIC	LCP+30%GF BLACK UL 94 V-0
6	TERMINALS	COPPER ALLOY C18400	AuG/F PLATING ON CONTACT AREA Tin30u"MIN PLATING ON SOLDER AREA
7	RING	SILICA GEL	BLACK
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 24P Female SMT
Mid-Mount 1.4 CH=0.29 L=10.65mm

Molde Code: GT-USB-9021A

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2025.01.14

品赞科技
b-Switch
www.dg-switch.com

REV: A0 SHEET: 1/1

A

B

D

E