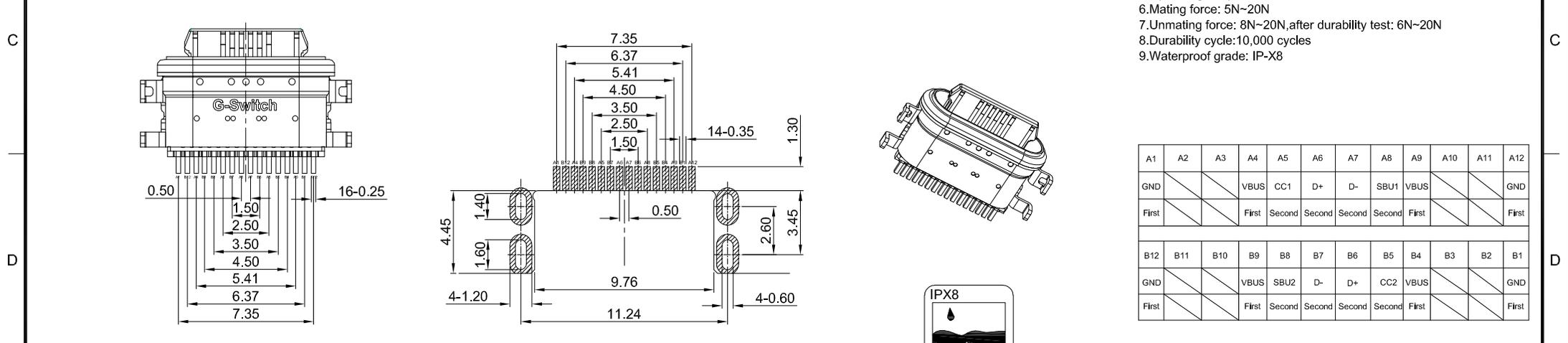
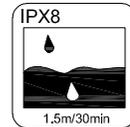


G-Switch USB-C Specification:

1. Current rated: 8A on vbus/1.25A on vconn/0.25A on other
2. Voltage rating: 24V AC
3. Withstanding voltage: 100V AC/minute
4. Contact resistance: 40mΩ Max
5. Insulation resistance: 100MΩ Min
6. Operating temperature: -40°C ~ +85°C
7. Mating force: 5N~20N
8. Unmating force: 8N~20N, after durability test: 6N~20N
9. Durability cycle: 10,000 cycles
10. Waterproof grade: IP-X8



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



PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

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	Au5u" PLATED ON CONTACT AREA G/F PLATED ON SOLDER AREA
7	RUBBER	-	RED
8	SEALING	SILICON DIOXIDE	BLACK
NO.	PARTS	MATERIAL	REMARKS



SCALE: 1:1	UNIT: mm	Title: Horizontal Type-C 16P Female SMT Mid-Mount 0.78 CH=0.7 L=5.4mm			
SIZE: A4		Molde Code: GT-USB-7202A-05			
Unless otherwise General Tolerance:		DRAWN	CHECKED	APPROVED	DATE
X.	±0.40	Xia	Chen	Chen	2025.02.08
X.x	±0.30				
X.xx	±0.20				
X.xxx	±0.10				
X*	±5°				



REV: A0	SHEET: 1/1
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