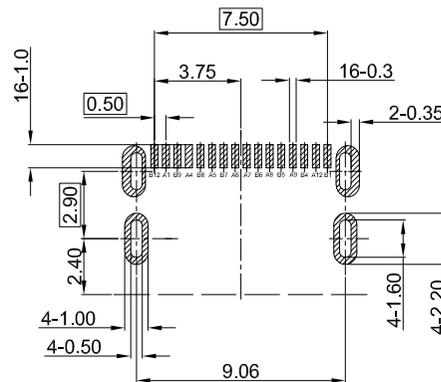
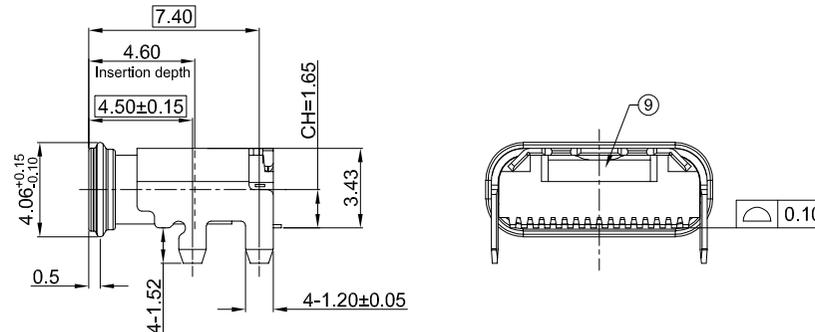
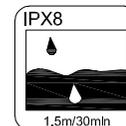


WATERPROOFING SCHEME FOR REFERENCE ONLY



RECOMMENDED PCB LAYOUT TOLERANCE: ±0.05



G-Switch USB-C Specification:

1. Current rated: 5A on vbus/1.25A on vconn/0.25A on other
2. Voltage rating: 24V AC
3. Withstanding voltage: 500V AC/minute
4. Contact resistance: 40mΩ Max
5. Insulation resistance: 1000MΩ Min
6. Operating temperature: -40°C ~ +85°C
7. Mating force: 5N~20N
8. Unmating force: 8N~20N
9. Durability cycle: 10,000 cycles
10. Waterproof grade: IP-X8
11. Compliant with: IEC62680-1-3

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

1	SHELL	STAINLESS STEEL304	Ni30u"MIN PLATED
2	WATERPROOF RING	SILICONE	BLACK
3	INNER IRON SHELL	STAINLESS STEEL316	CLEAN
4	EMI	STAINLESS STEEL304	CLEAN
5	MID PLATE	STAINLESS STEEL301	CLEAN
6	HOUSING	PA46	BLACK UL 94V-0
7	TERMINALS	COPPER ALLOY C7025	Au3u" PLATING ON CONTACT AREA
8	TERMINALS	COPPER ALLOY C7025	G/F PLATING ON SOLDER AREA
9	GLUE	EPOXY GLUE	BLACK
NO.	PARTS	MATERIAL	REMARKS



SCALE: 1:1	UNIT: mm	Title: Horizontal Type-c 16P Female	
SIZE: A4		SMT CH=1.65 L=8.0mm	
Unless otherwise General Tolerance:		Molde Code: GT-USB-9104A	
X..x	±0.30	DRAWN	CHECKED
X..xx	±0.20	APPROVED	DATE
X..xxx	±0.10		
X..x°	±3°	Xla	Chen
X..xx°	±2°	Chen	2023.02.06



REV: A0	SHEET: 1/1
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