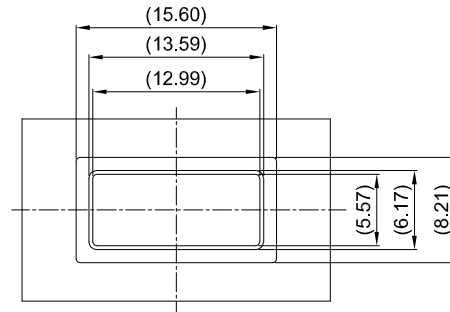
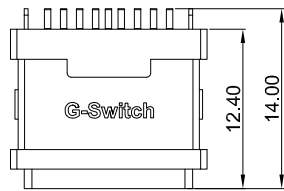


REFERENCE ASSEMBLY

GT - 3 AF 003 A - D S N N XX - 48

USB Version
3=USB3.0

Serial code

Salt spray
48=48H

USB Port Types
AF=Type-A Female

Specification

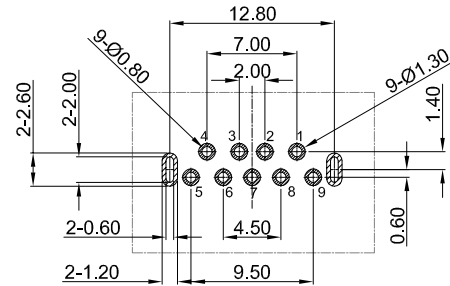
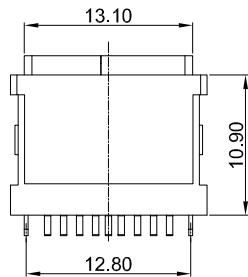
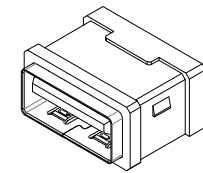
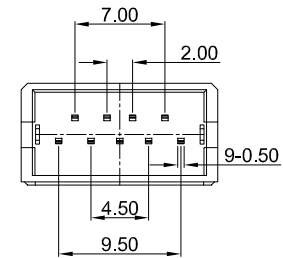
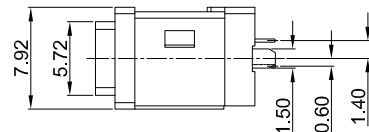
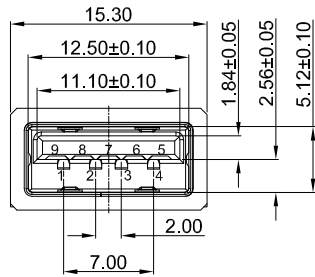
Detail
D=No flanging no column

Contact Plated
00=G/F
01=1μ"
03=3μ"
05=5μ"
15=15μ"
30=30μ"

Housing Colour
N=Black

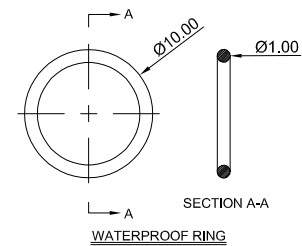
Shell Material
S=SUS

Shell Plated
N=Ni



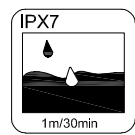
PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

9	TX+
8	TX-
7	GND
6	RX+
5	RX-
4	GND
3	DP+
2	DM-
1	USB+
PIN	NAME
PIN ASSIGNMENT	



- G-Switch USB-2.0 Specification:**
- 1.Current rated: 1.5A
 - 2.Voltage rating: 30V AC/DC
 - 3.Dielectric withstanding Voltage:500V AC
 - 4.Contact resistance: 30mΩ Max
 - 5.Insulation resistance: 1,000MΩ Min
 - 6.Mating force: 35N Max
 - 7.Unmating force: 10N Min
 - 8.Terminal Retention: 1.2kgf Min
 - 9.Durability cycle:5,000(SUS)
 - 10.Operating temperature: -40°C ~ +85°C
 - 11.Waterproof grade: IPX7

1	INNER SHELL	SUS 304	NI PLATED
2	PLASTIC SHELL	PA10T	BLACK UL 94V-0
3	CONTACT	C7025	Au PLATED ON CONTACT AREA Tin PLATING ON SOLDER AREA
4	HOUSING	PA10T	BLACK UL 94V-0
5	WATERPROOF RING	SILICONE RUBBER	WHITE
NO.	PARTS	MATERIAL	REMARKS



SCALE: 1:1	UNIT: mm	Title: Vertical USB 3.0 AF DIP H=12.40mm			
SIZE: A4		Molde Code: GT-3AF003A-DSNXX-48			
Unless otherwise General Tolerance:		DRAWN	CHECKED	APPROVED	DATE
		Liu	Xia	Chen	2025.08.10
X..x	±0.30				
X..xx	±0.20				
X..x°	±3°				



REV: A0	SHEET: 1/1
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