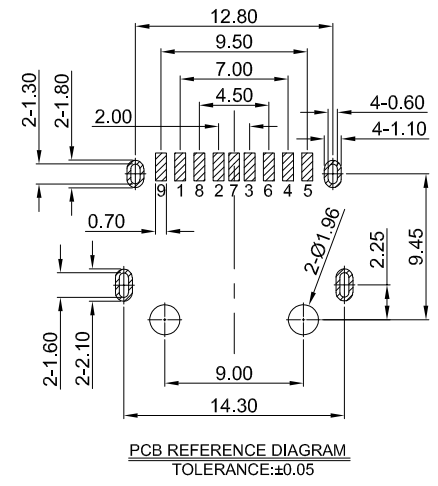
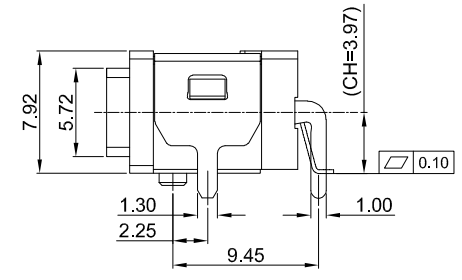
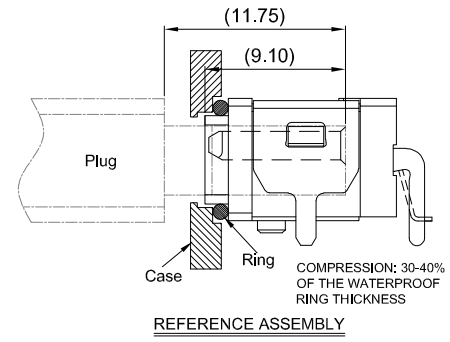
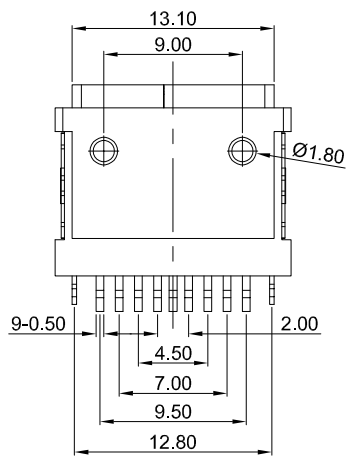
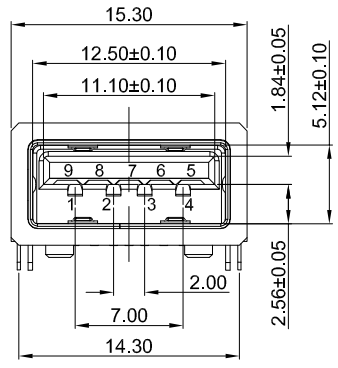
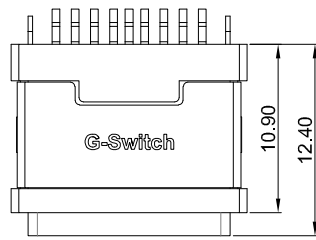
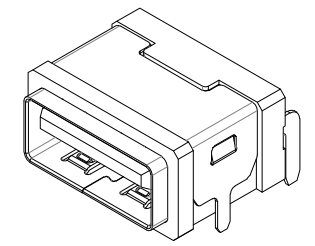
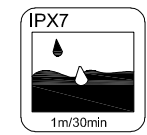
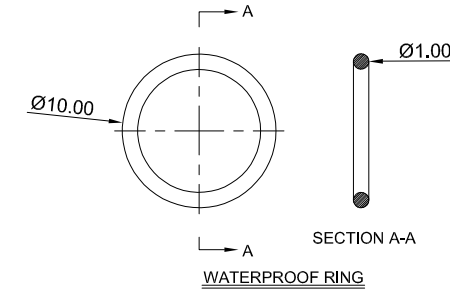
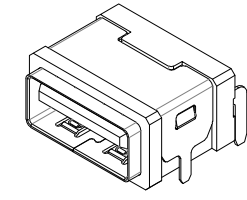




9	TX+
8	TX-
7	GND
6	RX+
5	RX-
4	GND
3	DP+
2	DM-
1	USB+
PIN	NAME
PIN ASSIGNMENT	



GT - 3 AF 001 A - C S N N XX - 48

USB Version 3=USB3.0	Serial code	Salt spray 48=48H
USB Port Types AF=Type-A Female	Specification	Contact Plated 00=G/F 01=1μ" 03=3μ" 05=5μ" 15=15μ" 30=30μ"
Detail C=No flanging with column	Shell Material S=SUS	Housing Colour N=Black(PA10T)
	Shell Plated N=NI	

- G-Switch USB-3.0 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,Unmating force: 10N Min
 - 7.Terminal Retention: 1.2kgf Min
 - 8.Durability cycle:5,000(SUS) cycles
 - 9:Operating temperature: -40°C ~ +85°C
 - 10.Waterproof grade: IPX7

1	HOUSING	PA10T	BLACK UL 94V-0
2	PLASTIC SHELL	PA10T	BLACK UL 94V-0
3	OUTER SHELL	STAINLESS STEEL 304	Ni PLATED
4	INNER SHELL	STAINLESS STEEL 304	Ni PLATED
5	TERMINALS	COPPER ALLOY C7025	Au PLATED ON CONTACT AREA Tin PLATING ON SOLDER AREA
6	WATERPROOF RING	SILICONE RUBBER	WHITE
NO.	PARTS	MATERIAL	REMARKS



SCALE: 1:1	UNIT: mm	Title: IPX7 Horizontal USB 3.0 AF SMT CH=3.97 L=12.40mm			
SIZE: A4		Molde Code: GT-3AF001A-CSNXX-48			
Unless otherwise General Tolerance:		DRAWN	CHECKED	APPROVED	DATE
		Wu	Xla	Chen	2025,08,07
X,x	±0.30				
X,xx	±0.20				
X,x°	±3°				

品赞科技
b-Switch
www.dg-switch.com

REV: A0 SHEET: 1/1