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品赞电子（东莞）有限公司

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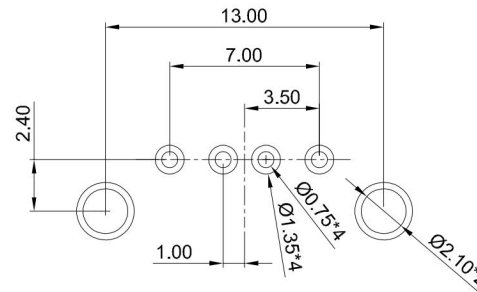
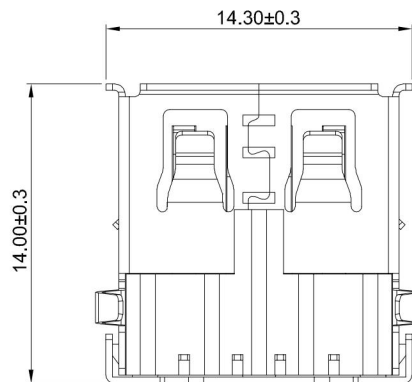
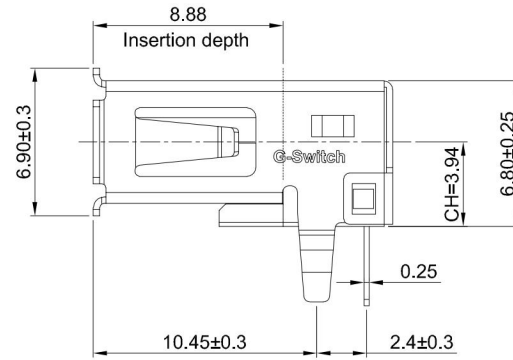
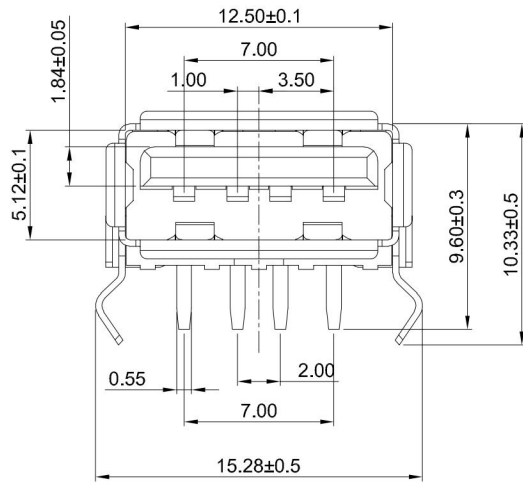
A

B

G-Switch Technology (Dongguan) Co., Ltd

D

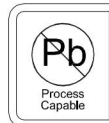
E



RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05

4	GND
3	D+
2	D-
1	VBUS
PIN	NAME
PIN ASSIGNMENT	

1	SHELL	COPPER ALLOY	Ni30u"MIN PLATED
2	HOUSING	HIGH TEMPERATURE PLASTIC	PBT BLACK UL 94 V-0
3	TERMINALS	COPPER ALLOY	Au G/F PLATING ON CONTACT AREA
NO.	PARTS	MATERIAL	REMARKS



SCALE: 1:1	UNIT: mm	Title: Horizontal USB 2.0 AF DIP CH=3.94 L=14.0mm			
SIZE: A4		Molde Code: GT-2A9002A-C00G0-00			
Unless otherwise General Tolerance:		DRAWN	CHECKED	APPROVED	DATE
X.x ±0.20		Xla	Chen	Chen	2023.02.01
X.xx ±0.15					
X.x° ±3°					



REV: A0 SHEET: 1/1



GT-2A9002A- C 0 0 G0 - 00

DETAIL

A=With flanging

Shell Material

C=Copper alloy

Shell Plating

N=Ni

G=Gold

Housing Colour

W=White

N=Black

Terminal Plating

G0=G/F

G3=3u

G5=5u

Salt Spray

24=24H

48=48H

USB IF TID:13463

G-Switch USB-2.0 Specification:

- 1.Current rated: 2A
- 2.Voltage rating: 30V DC
- 3.Dielectric withstanding Voitage:500V AC
- 4.Contact resistance: 30mΩ Max
- 5.Insulation resistance: 1000MΩ Min
- 6.Operating temperature: -40°C ~ +85°C
- 7.Mating force: 3.57kgf Max
- 8.Unmating force: 1.02kgf Min
- 9.Terminal retenion: 1.2kgf Min
- 10.Durability: 5000 Cycles

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