

A

B

C

D

E

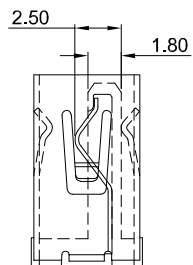
A

B

C

D

E



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



GT-2A041F - S N N G0

Detail

F=No flanging no column

Shell Material

S=Stainless steel

Shell Plated

N=Ni

Housing Colour

N=Black

Terminal Plated

G0=G/F

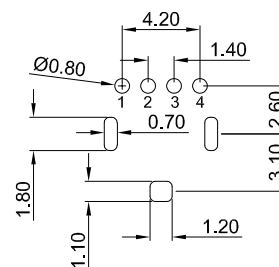
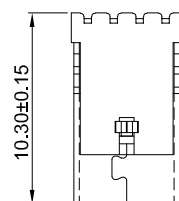
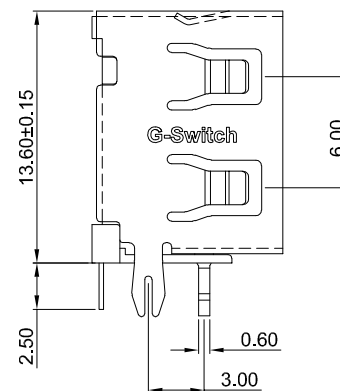
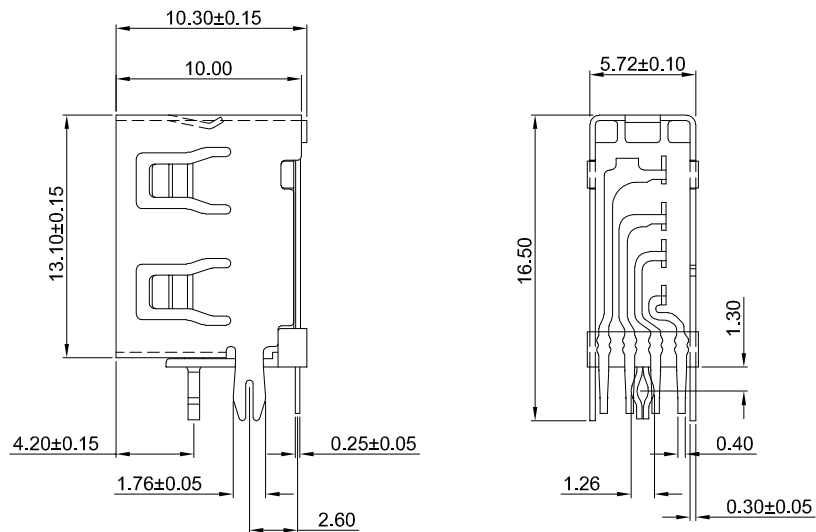
G1=1u"

G3=3u"

G5=5u"

G-Switch USB-2.0 Specification:

- 1.Current rated: 1.5A
- 2.Voltage rating: 30V DC
- 3.Dielectric withstanding Voltage: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



RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05

1	SHELL	SUS304	NI PLATED
2	HOUSING	HIGH TEMPERATURE PLASTIC LCP	BLACK UL 94V-0
3	TERMINALS	COPPER ALLOY C2680	G/F PLATED ON CONTACT AREA Tin PLATING ON SOLDER AREA
NO.	PARTS	MATERIAL	REMARKS



SCALE: 1:1	UNIT: mm	Title: Horizontal USB 2.0 AF DIP L=10.0mm			
SIZE: A4		Molde Code: GT-2A041F-SNNG0			
Unless otherwise General Tolerance:		DRAWN	CHECKED	APPROVED	DATE
X.x	±0.30	Xia	Chen	Chen	2024.03.10
X.xx	±0.20				
X.x°	±3°				



REV: A0 SHEET: 1/1