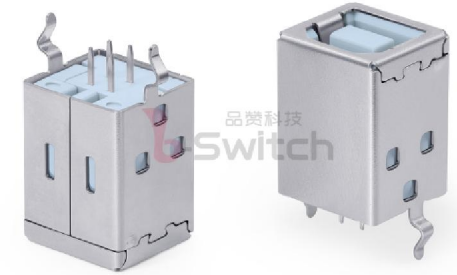


4	GND
3	D+
2	D-
1	VBUS
PIN	NAME
PIN ASSIGNMENT	



GT-2B002A - F N X GX

Detail
A=DIP 180°

Shell Material
F=Ferroalloy

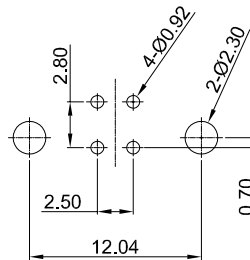
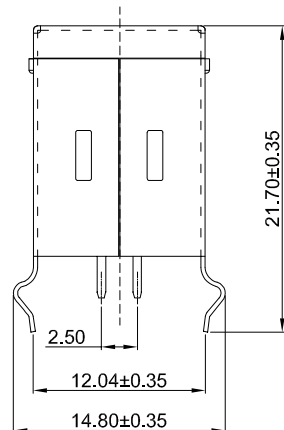
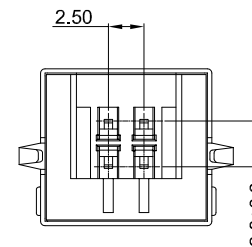
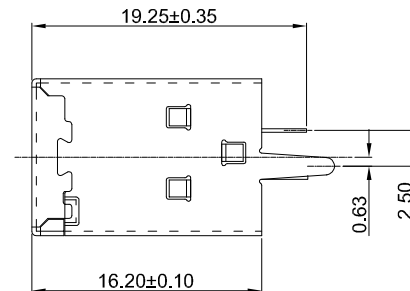
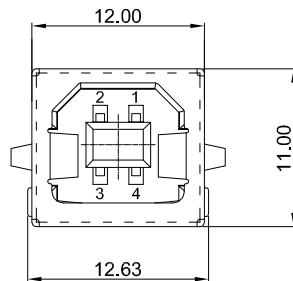
Shell Plated
N=Ni

Housing Colour
N=Black
W=White

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 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 cycle: 1,500cycles



PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

1	SHELL	FERROALLOY	NI PLATED
2	HOUSING	PBT	WHITE/BLACK UL 94 V-0
3	TERMINALS	COPPER ALLOY	Au PLATED ON CONTACT AREA Tin PLATED ON SOLDER AREA
NO.	PARTS	MATERIAL	REMARKS



SCALE: 1:1	UNIT: mm	Title: Vertical USB 2.0 B/F DIP H=16.20mm			
SIZE: A4		Molde Code: GT-2B002A-FNXGX			
Unless otherwise General Tolerance:		DRAWN	CHECKED	APPROVED	DATE
		Wu	Xla	Chen	2025.05.06
X.x	±0.30				
X.xx	±0.20				
X.x°	±3°				



REV: A0 SHEET: 1/1