

## GT-2A032A-C N X GX

### DETAIL

A=With flanging

### Shell Material

C=Copper alloy  
F=Ferroalloy

### Shell Plating

N=Ni  
G=Gold

### Housing Colour

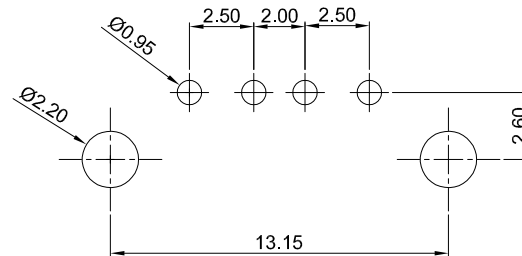
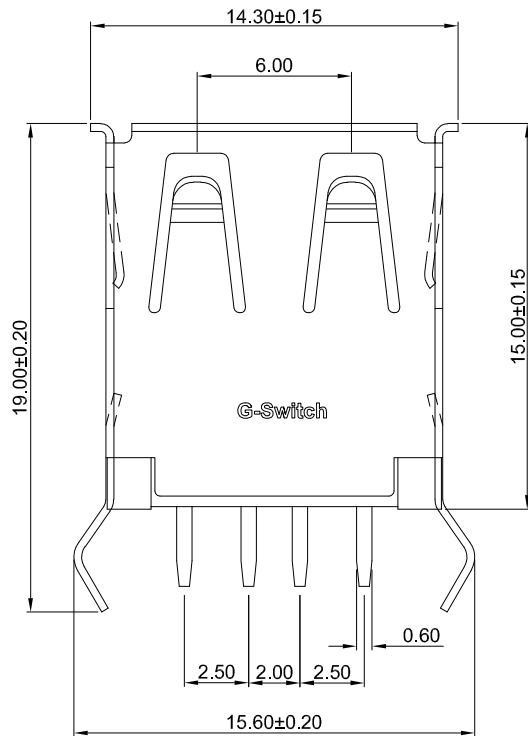
N=Black  
W=White

### Terminal Plating

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
- 9.Terminal retention: 1.2kgf Min



RECOMMENDED PCB LAYOUT  
TOLERANCE:±0.05

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



1	SHELL	C2680/SPCC	NI PLATED
2	HOUSING	HIGH TEMPERATURE PLASTIC	PBT WHITE/BLACK UL 94 V-0
3	TERMINALS	C2680	Au PLATING ON CONTACT AREA Tin PLATING ON SOLDER AREA
NO.	PARTS	MATERIAL	REMARKS

SCALE: 1:1	UNIT: mm	Title: Vertical USB 2.0 AF DIP H=15.0mm			
SIZE: A4		Molde Code: GT-2A032A-CNXXGX			
Unless otherwise General tolerance:		DRAWN	CHECKED	APPROVED	DATE
X.	±0.40	Xia	Chen	Chen	2023.02.01
X.x	±0.30				
X.xx	±0.20				
X*	±3°				
		REV:	A0	SHEET:	1/1

