

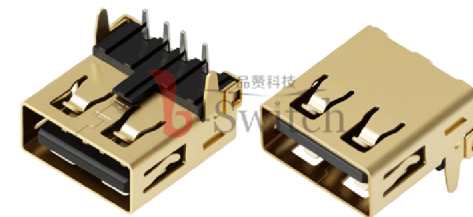
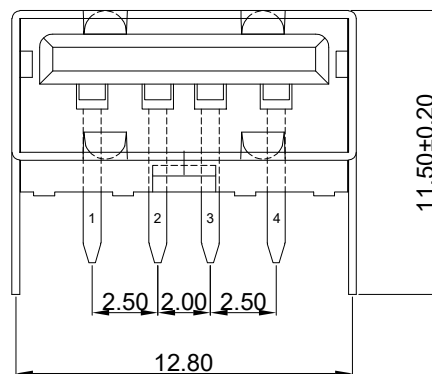
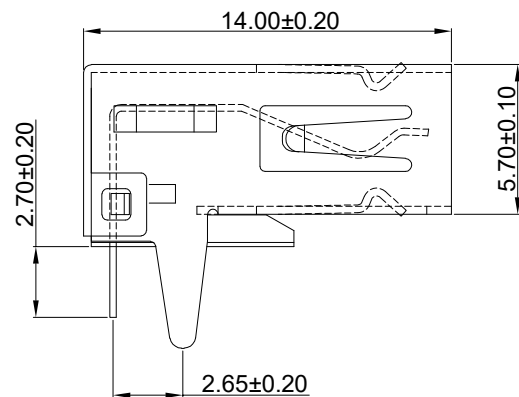
A

B

C

D

E



GT-USB-2A001F-C G N G1

DETAIL

A=With flanging
B=No flanging
C=With flanging And column
D=With flanging No column
E=No flanging With column
F=No flanging No column

Shell Material

C=Copper Alloy
F=Ferroalloy

Shell Plating

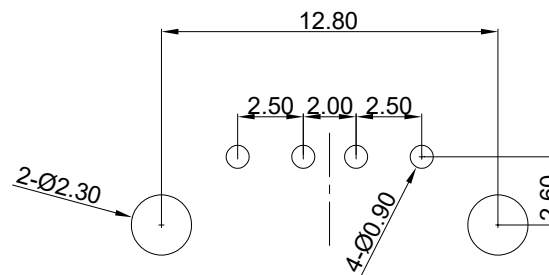
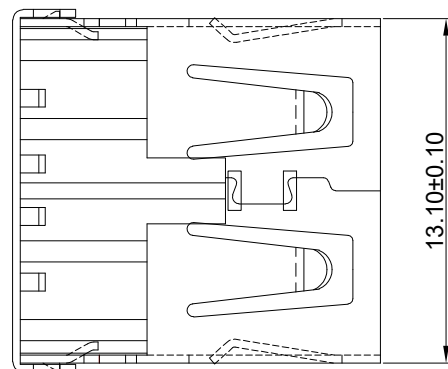
N=Ni
G=Gold

Housing Colour

B=Blue
N=Black

Terminal Plating

G1=1u
G3=3u
G5=5u



RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05

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



RoHS
Compliant
2002/95/EC



SCALE: 3:1 UNIT: mm
SIZE: A4

Unless otherwise
General Tolerance:
X. ±0.30
X.x ±0.20
X.xx ±0.15
X.xxx ±0.10
Angles ±3°

Title: Horizontal USB 2.0 AF DIP L=14.0mm

Molde Code: GT-2A001F-CGNG1

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2023.02.01

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

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

品赞科技®
b-Switch

REV: A0

SHEET: 1/1