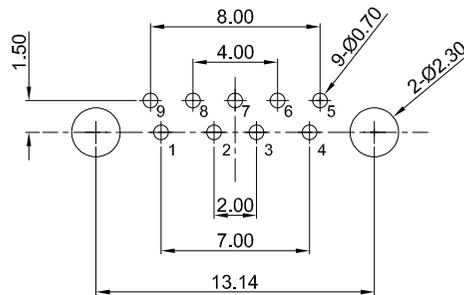
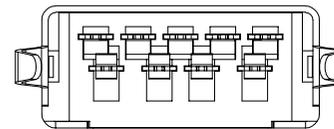
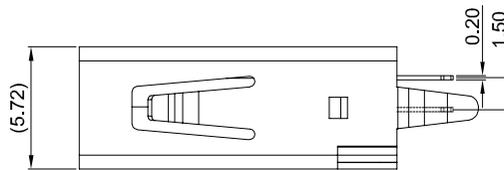
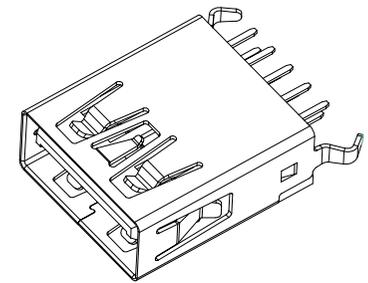


PIN ASSIGNMENT

PIN	1	2	3	4	5	6	7	8	9
NAME	VBUS	DM-	DP+	GND	RX-	RX+	GND	TX-	TX+



PCB REFERENCE DIAGRAM  
TOLERANCE:±0.05



GT-3A014F XX-S N B GX

Detail

F=No flanging no column

Dim A  
01=13.75  
02=15.00

Shell Material  
S=Stainless steel

Shell Plated  
N=Ni

Housing Colour  
B=Blue

Terminal Plated  
G1=1u"  
G3=3u"  
...

G-Switch USB-3.0 Specification:

- 1.Current rated: 1.8A 30V
- 2.Contact Resistance: 30mΩ Max
- 3.Insulation Resistance: 100MΩ Min
- 4.Dielectric Withstanding Voltage:500 V AC
- 5.Operating temperature: -40°C ~ +85°C
- 6.Mating force: 3.57kgf Max
- 7.Unmating force: 1.02kgf Min
- 8.Terminal Retention: 1.2kgf Min

NO.	PARTS	MATERIAL	REMARKS
1	SHELL	STAINLESS STEEL 201	Ni PLATED
2	HOUSING	LCP	BLUE UL 94V-0
3	TERMINALS	C5191+C2680	Au PLATED ON CONTACT AREA Sn PLATED ON SOLDER AREA



SCALE: 1:1 UNIT: mm  
SIZE: A4

Unless otherwise  
General tolerance:  
X. ±0.40  
X.x ±0.30  
X.xx ±0.20  
X\* ±3°

Title: Vertical USB 3.0 AF DIP H=Dim mm

Molde Code: GT-3A014FXX-SNBGX

DRAWN	CHECKED	APPROVED	DATE
Xla	Chen	Chen	2025.01.21



REV: A0 SHEET: 1/1