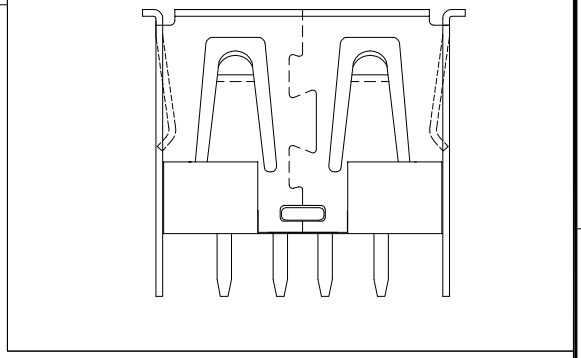
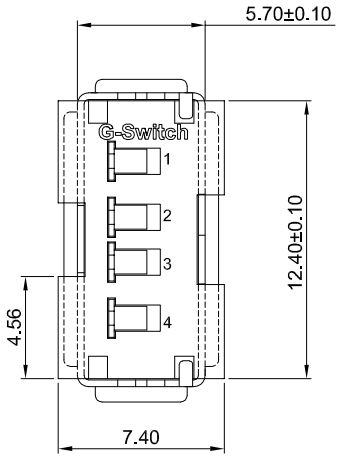
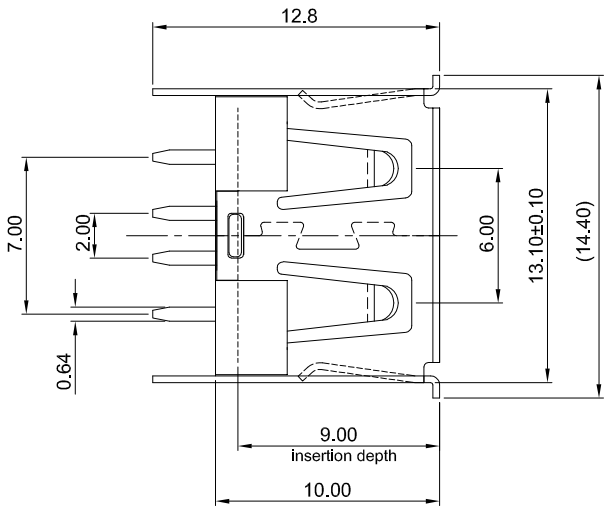
New Molde Code	Old Molde Code
GT-2AF006A-BXNXXX-XX	GT-USB-2008-XXGX有边

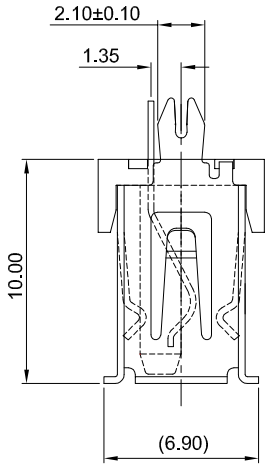


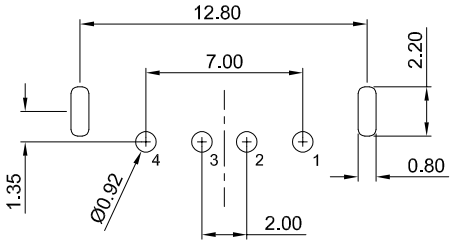




GT - 2 AF 006 A - B X N N XX - XX

- **USB Version**: 2=USB2.0
- **USB Port Types**: AF=Type-A Female
- **Serial Code**
- **Specification**: A=Harpoon foot DIP
- **Detail**: B=With flanging no column
- **Shell Material**: C=Copper alloy, F=Ferroalloy
- **Shell Plated**: N=Ni
- **Housing Colour**: N=Black(LCP), W=White(LCP)
- **Contact Plated**: 00=G/F, 01=1μ", 03=3μ", 05=5μ", 15=15μ", 30=30μ"
- **Salt Spray**: 24=24H, 12=12H





PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

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

G-Switch USB-2.0 Type-A Specification:

1.Current rated: 1.5A
2.Voltage rating: 30V AC/DC
3.Dielectnic withstanding Voitage:500V AC
4.Contact resistance: 30mΩ Max
5.Insulation resistance: 1,000MΩ Min
6.Mating force: 35N Max,
7.Unmating force: 10N Min
8.Terminal Retention: 1.2kgf Min
9.Durability cycle: 3,000(C2680) cycles,1,500(SPCC) cycles
10.Operating temperature: -40°C ~ +85°C

NO.	PARTS	MATERIAL	REMARKS
1	SHELL	C2680/SPCC	Ni PLATED
2	HOUSING	LCP	BLACK/WHITE UL 94V-0
3	TERMINALS	COPPER ALLOY C2680	Au PLATED ON CONTACT AREA Tin PLATING ON SOLDER AREA

Pb Process Capable

RoHS Compliant
EU RoHS Standards

SCALE: 1:1	UNIT: mm	Title: Vertical USB 2.0 AF DIP H=10.00mm	
SIZE: A4			
Unless otherwise General Tolerance:		Molde Code: GT-2AF006A-BXNNXX-XX	
X.x ±0.30 X.xx ±0.20 X.x° ±3°			

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2025.10.26

品赞科技 G-Switch ®
www.dg-switch.com

REV: A0 SHEET: 1/1