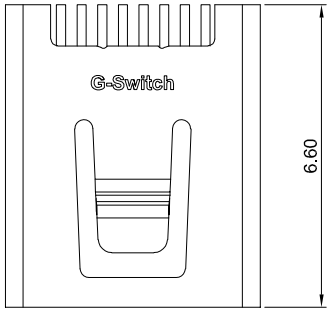
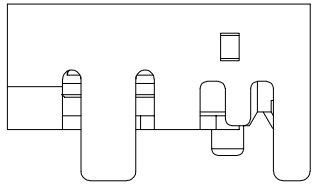
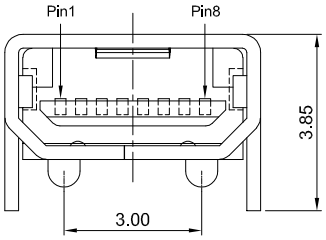
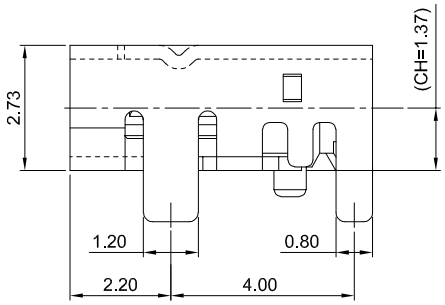
| New Molde Code | Old Molde Code |
|---|---|
| GT-2MF002A-CCXNXX-24 | GT-MN010E-CXNXX |




| PIN | NAME |
|---|---|
| 8 | VBUS |
| 7 | D- |
| 6 | GND |
| 5 | D+ |
| 4 | TV_DET |
| 3 | AUDIO |
| 2 | TV |
| 1 | GND |
| PIN ASSIGNMENT | |






GT - 2 MF 002 A - C C X N XX - 24

**USB Version**
2=USB2.0

**Serial code**

**USB Port Types**
MF=MInI USB Female

**Specification**

**Detail**
C=No flanging with column

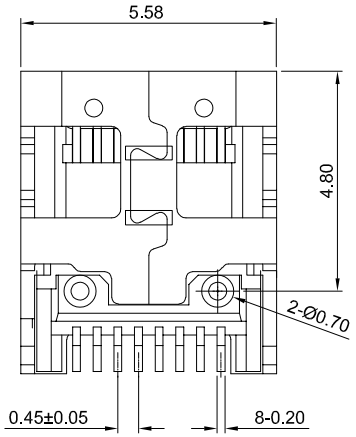
**Shell Material**
C=Copper alloy

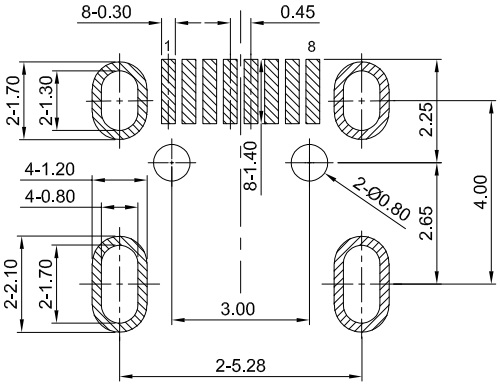
**Shell Plated**
N=NI
G=Gold

**Housing Colour**
N=Black(LCP)

**Contact Plated**
00=G/F
01=1μ"
03=3μ"
05=5μ"
15=15μ"
30=30μ"

**Salt spray**
24=24H




PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

**G-Switch USB-2.0 Specification:**

1.Current rated: 1.0A
2.Voltage rating: 30V
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 Retenion: 1.2kgf Min
9.rability cycle:3,000(Copper)
10.rating temperature: -40°C ~ +85°C

| NO. | PARTS | MATERIAL | REMARKS |
|---|---|---|---|
| 1 | SHELL | C2680 | Au/Ni PLATED |
| 2 | HOUSING | LCP | BLACK UL 94 V-0 |
| 3 | TERMINALS | C5191 | Au PLATING ON CONTACT AREA |

Pb Process Capable

RoHS Compliant
EU RoHS Standards

| | | | |
|---|---|---|---|
| SCALE: 1:1 | UNIT: mm | Title: Horizontal Mini USB BF SMT CH=1.37 L=6.60mm | |
| SIZE: A4 | | Molde Code: GT-2MF001A-CCXNXX-24 | |
| Unless otherwise General Tolerance: X.x ±0.30, X.xx ±0.20, X.x° ±3° | | DRAWN: Wu | CHECKED: Xia |
| APPROVED: Chen | DATE: 2025.08.07 | REV: A0 | SHEET: 1/1 |

品赞科技 b-Switch ®
www.dg-switch.com