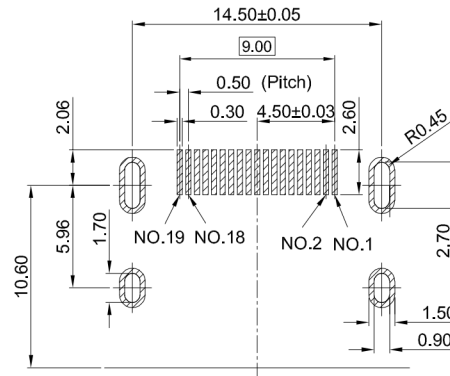
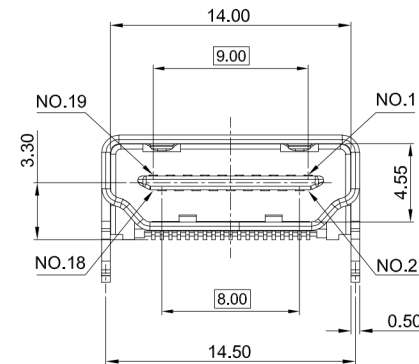
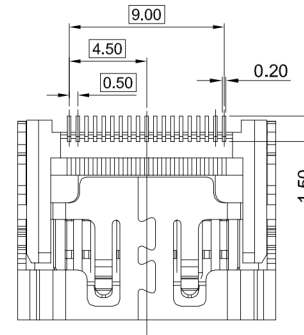
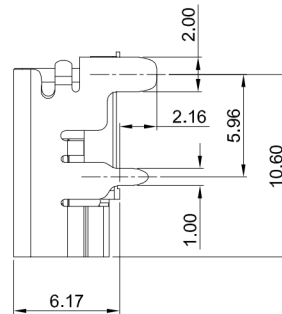
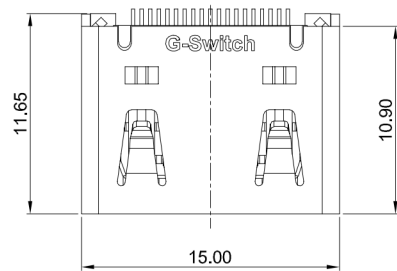
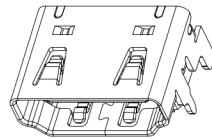
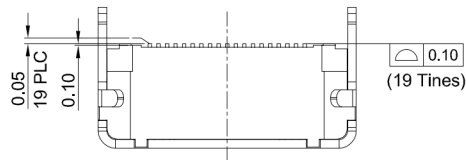
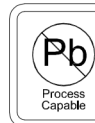


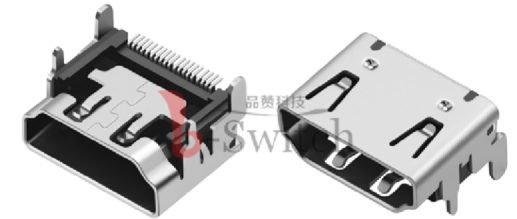


RECOMMENDED PCB LAYOUT  
TOLERANCE:±0.05

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



**RoHS**  
Compliant  
EU RoHS Standards



**GT-HD001A-F N N GX**

**DETAIL**

A=DIP+SMT  
no column

**Shell Material**  
F=Ferroalloy

**Shell Plating**  
N=Ni

**Housing Colour**  
N=Black

**Terminal Plating**  
G0=G/F  
G1=1u  
G3=3u  
G5=5u

**G-Switch HDMI Specification:**

- 1.Current rated: 0.5A 5V AC/DC
- 2.Withstanding voltage: 500V AC/minute unmated
- 3.Contact resistance: 30mΩ Max
- 4.Insulation resistance: 100MΩ Min
- 5.Operating temperature: -25°C ~ +85°C
- 6.Mating force: 44.1N
- 7.Unmating force: 9.8N~39.2N,After durability: 3N~25N
- 8.Durability cycle: 10,000 cycles

SCALE: 1:1 UNIT: mm  
SIZE: A4

Unless otherwise  
General Tolerance:

X..x ±0.30  
X.xx ±0.20  
X.xxx ±0.10  
X° ±3°

Title: Horizontal HDMI 19P AF 1.4/2.1  
SMT CH=3.3 L=11.65mm

Molde Code: GT-HD001A-FNNGX

|       |         |          |            |
|-------|---------|----------|------------|
| DRAWN | CHECKED | APPROVED | DATE       |
| Jiang | Xia     | Chen     | 2023.02.01 |

**品赞科技**  
**b-Switch**  
www.dg-switch.com

REV: A0

SHEET: 1/1