

A

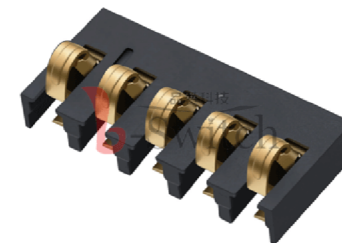
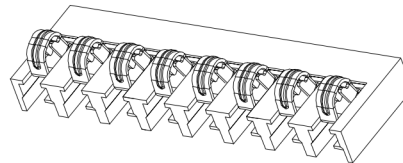
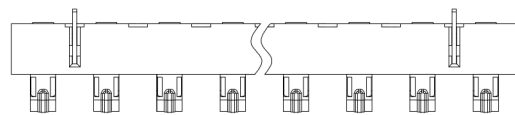
B

C

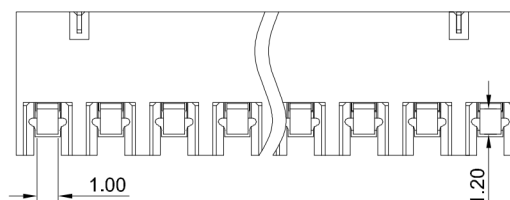
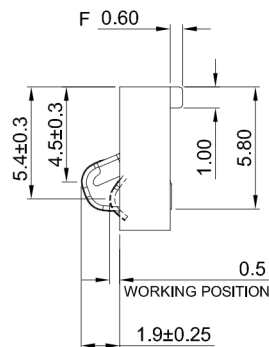
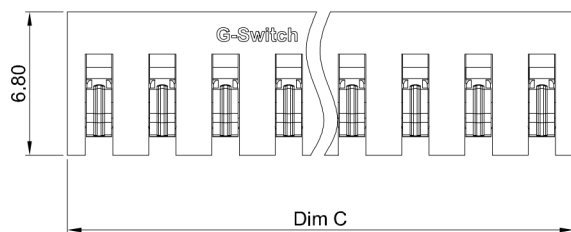
D

E

1



2



GT-BT P 300 XX- XXXX B - 019 A

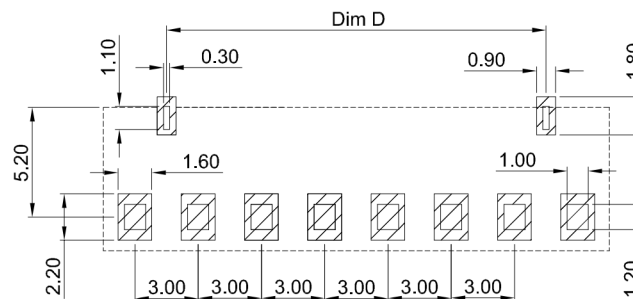
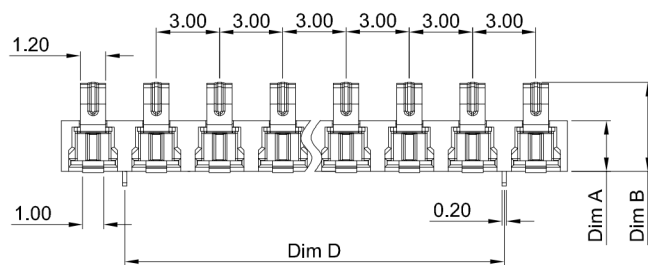
G-Switch

Series  
BT: BatteryType  
P: PlugPitch  
300=3.00Detail  
F:DIP

Serial code

Detail  
B:No columnPin Q' PY  
02~8PinHeight  
0240=2.4  
0350=3.5

3

RECOMMENDED PCB LAYOUT  
TOLERANCE:±0.05

## G-Switch Specification:

- 1.Current rating: 3A
- 2.Rated Voltage: 12V DC
- 3.Insulation resistance: 500MΩ min
- 4.Contact resistance: 30mΩ max
- 5.Dielectric strength: 500V RMS
- 6.Durability: 10,000cycles
- 7.Operating temperature range: -40°C ~ +85°C

## Ordering Information:

| Circuit | Dimensions(mm) |     |       |      | Circuit | Dimensions(mm) |     |       |       |
|---------|----------------|-----|-------|------|---------|----------------|-----|-------|-------|
|         | A              | B   | C     | D    |         | A              | B   | C     | D     |
| 02P     | 2.4            | 4.3 | 6.00  | -    | 06P     | 2.4            | 4.3 | 18.00 | 12.00 |
|         | 3.5            | 5.4 |       |      |         | 3.5            | 5.4 |       |       |
| 03P     | 2.4            | 4.3 | 9.00  | 3.00 | 07P     | 2.4            | 4.3 | 21.00 | 15.00 |
|         | 3.5            | 5.4 |       |      |         | 3.5            | 5.4 |       |       |
| 04P     | 2.4            | 4.3 | 12.00 | 6.00 | 08P     | 2.4            | 4.3 | 24.00 | 18.00 |
|         | 3.5            | 5.4 |       |      |         | 3.5            | 5.4 |       |       |
| 05P     | 2.4            | 4.3 | 15.00 | 9.00 |         |                |     |       |       |
|         | 3.5            | 5.4 |       |      |         |                |     |       |       |

RoHS  
Compliant  
EU RoHS Standards

SCALE: 1:1 UNIT: mm

SIZE: A4

Unless otherwise  
General Tolerance:X ±0.35  
X.x ±0.25  
X.xx ±0.15  
X.xxx ±0.05  
X\* ±3°Title: Vertical Pitch3.0 Battery Conn  
SMT C×6.8×H(A)mm

Molde Code: GT-BTP300XX-XXXXB-019A

| DRAWN | CHECKED | APPROVED | DATE       |
|-------|---------|----------|------------|
| Xia   | Chen    | Chen     | 2023.12.28 |

  
品赞科技®  
www.dg-switch.com

REV: A0

SHEET: 1/1

A

B

C

D

E

5

5

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