

1

2

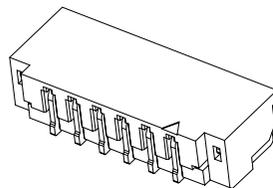
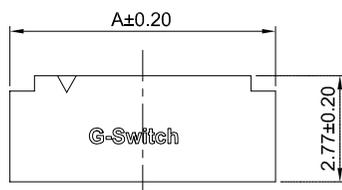
3

4

5

A

A



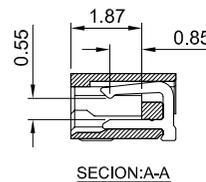
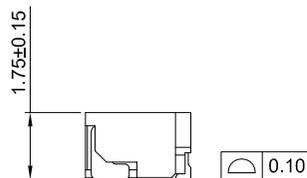
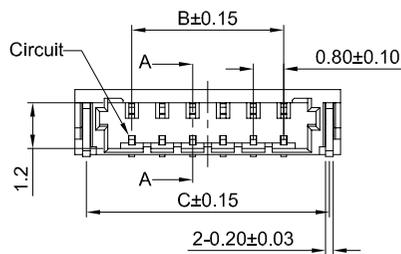
**G-Switch Specification:**

- 1.Current rated: 08~2.5A AC/DC
- 2.Voltage rating: 100V AC/DC
- 3.Withstanding voltage: 300V AC
- 4.Contact resistance: 20mΩ max.
- 5.Insulation resistance: 100MΩ min
- 6.Durability cycle: 50Cycles
- 7.Removal force: 1.0kgf/Pin min
- 8.Operating temperature range: -40°C ~ +85°C



B

B

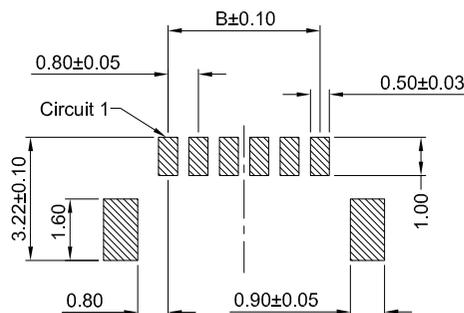
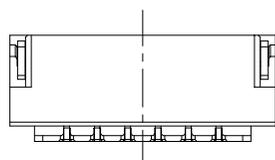


**GT-A0801 W R S -1 XX X XX 01**

- G-Switch**
- Series No**
- Connector**  
W-Wafer
- Angle**  
R-90°
- TermIpnt**  
S-SMT
- Terminal Plating**  
BT-Bright Tin  
11-All G/F
- Housing Colour**  
B-Black
- Pin Q' PY**  
02-18
- Row NO**  
1-Single row

C

C



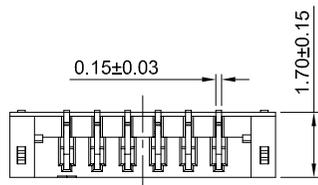
**PCB REFERENCE DIAGRAM**  
TOLERANCE:±0.05

**Ordering Information:**

| Circuit | Dimensions(mm) |      |       | Circuit | Dimensions(mm) |       |       |
|---------|----------------|------|-------|---------|----------------|-------|-------|
|         | A              | B    | C     |         | A              | B     | C     |
| 02      | 3.80           | 0.80 | 3.20  | 12      | 11.80          | 8.80  | 11.20 |
| 03      | 4.60           | 1.60 | 4.00  | 13      | 12.60          | 9.60  | 12.00 |
| 04      | 5.40           | 2.40 | 4.80  | 14      | 13.40          | 10.40 | 12.80 |
| 05      | 6.20           | 3.20 | 5.60  | 15      | 14.20          | 11.20 | 13.60 |
| 06      | 7.00           | 4.00 | 6.40  | 16      | 15.00          | 12.00 | 14.40 |
| 07      | 7.80           | 4.80 | 7.20  | 17      | 15.80          | 12.80 | 15.20 |
| 08      | 8.60           | 5.60 | 8.00  | 18      | 16.60          | 13.60 | 16.00 |
| 09      | 9.40           | 6.40 | 8.80  | 19      | 17.40          | 14.40 | 16.80 |
| 10      | 10.20          | 7.20 | 9.60  | 20      | 18.20          | 15.20 | 17.60 |
| 11      | 11.00          | 8.00 | 10.40 | --      | --             | --    | --    |

D

D



E

E

|     |             |                 |           |
|-----|-------------|-----------------|-----------|
| 3   | SOLDER TABS | BRASS           | MATTE Tin |
| 2   | CONTACT     | PHOSPHOR BRONZE | MATTE Tin |
| 1   | HOUSING     | LCP,94V-0       | BLACK     |
| NO. | PART NAME   | MATERIAL        | REMARK    |



SCALE: 1:1 UNIT: mm  
 SIZE: A4

Unless otherwise  
 General Tolerance:  
 X ±0.40  
 X.x ±0.30  
 X.xx ±0.20  
 X° ±5°  
 X.x° ±3°

Title: Wafer 0.80mm Pitch 90° HRS SMT  
 Type Connector

Molde Code: GT-A0801WRS-1XXXXX01

|       |         |          |            |
|-------|---------|----------|------------|
| DRAWN | CHECKED | APPROVED | DATE       |
| Hu    | Hu      | Chen     | 2021.10.20 |



REV: A0 SHEET: 1/1

1

2

3

4

5