

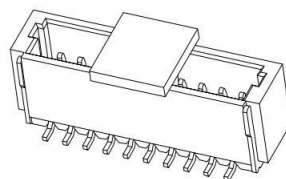
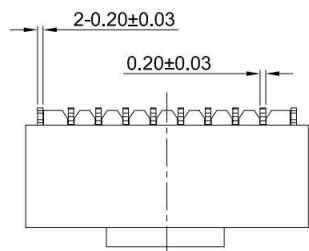
A

B

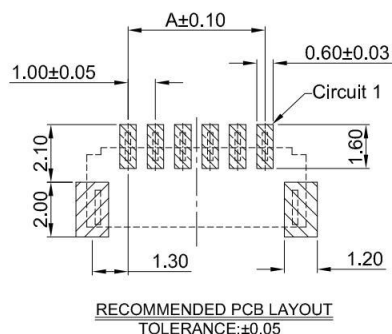
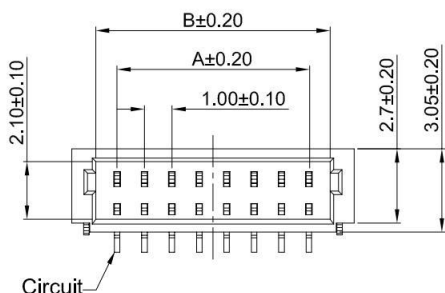
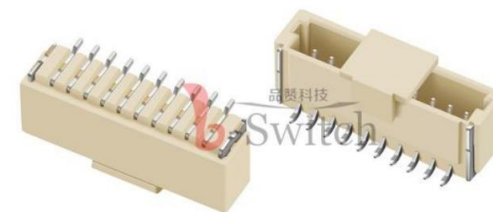
C

D

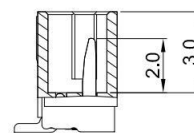
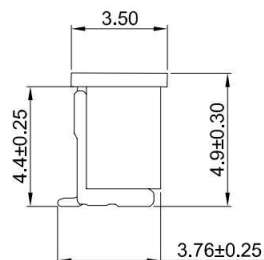
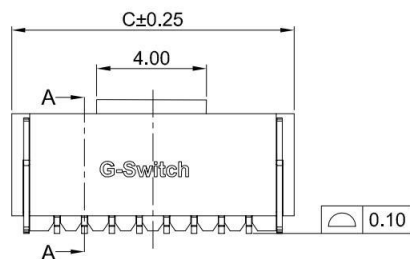
E

**G-Switch Specification:**

- 1.Current rated: 1.0A AC/DC
- 2.Voltage rating: 50V AC/DC
- 3.Withstanding voltage: 500V AC
- 4.Contact resistance: 20mΩ max.
- 5.Insulation resistance: 100MΩ min
- 6.Durability cycle: 50Cycles
- 7.Removal force: 0.50kgf/Pin min
- 8.Operating temperature range: -25°C ~ +85°C



GT-A1002 W V S -1 XX X XX 01

G-Switch**Series No****Connector**
W-Wafer**Angle**
V-180°**Termpoint**
S-SMT**Terminal Plating**
BT-Bright Tin
11-All G/F**Housing Colour**
S-Nature**Pin Q' PY**
02~20**Row NO**
1-Single row

SECTION:A-A

Ordering Information:

| Circuit | Dimensions(mm) | | | Circuit | Dimensions(mm) | | |
|---------|----------------|-------|-------|---------|----------------|-------|-------|
| | A | B | C | | A | B | C |
| 02 | --- | 2.50 | 4.20 | 12 | 11.00 | 12.50 | 14.20 |
| 03 | 2.00 | 3.50 | 5.20 | 13 | 12.00 | 13.50 | 15.20 |
| 04 | 3.00 | 4.50 | 6.20 | 14 | 13.00 | 14.50 | 16.20 |
| 05 | 4.00 | 5.50 | 7.20 | 15 | 14.00 | 15.50 | 17.20 |
| 06 | 5.00 | 6.50 | 8.20 | 16 | 15.00 | 16.50 | 18.20 |
| 07 | 6.00 | 7.50 | 9.20 | 17 | 16.00 | 17.50 | 19.20 |
| 08 | 7.00 | 8.50 | 10.20 | 18 | 17.00 | 18.50 | 20.20 |
| 09 | 8.00 | 9.50 | 11.20 | 19 | 18.00 | 19.50 | 21.20 |
| 10 | 9.00 | 10.50 | 12.20 | 20 | 19.00 | 20.50 | 22.20 |
| 11 | 10.00 | 11.50 | 13.20 | --- | --- | --- | --- |

| | | | |
|-----|-------------|-----------|----------------------|
| 4 | SOLDER TABS | BRASS | BRIGHT Tin |
| 3 | CONTACT | BRASS | BRIGHT Tin / All G/F |
| 2 | CAP | LCP,94V-0 | NATURE |
| 1 | HOUSING | LCP,94V-0 | NATURE |
| 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 1.00mm Pitch 180° SH SMT
Type Connector

Molde Code: GT-A1002WVS-1XXXXX01

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

REV: A0

SHEET: 1/1

A

B

C

D

E