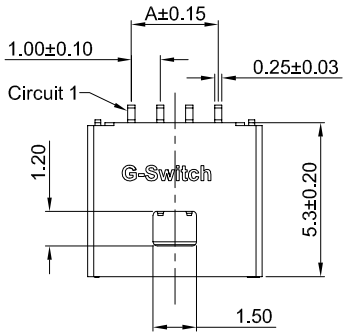
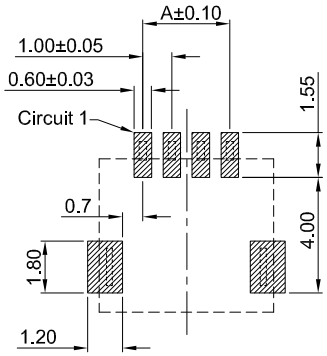
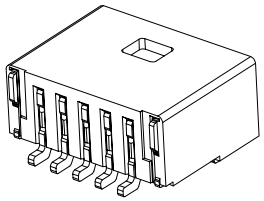
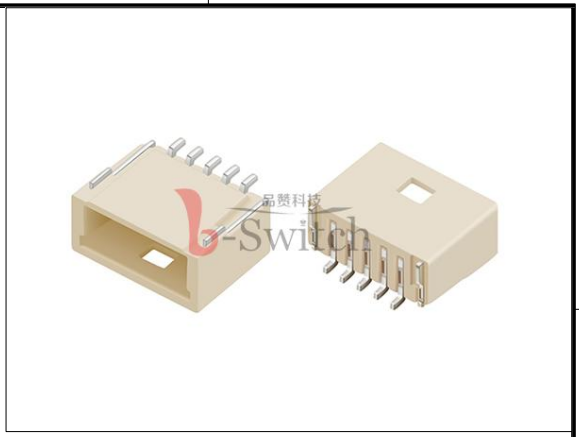


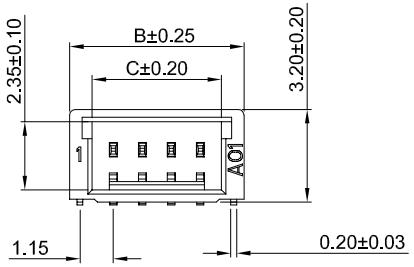

PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

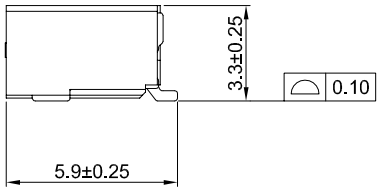




GT-A1008 W R S -1 XX X XX 01

- **G-Switch**
- **Series No**
- **Connector** W-Wafer
- **Terminal Plating** MT-Matte Tin
- **Housing Colour** S-Nature
- **Angle** R-90°
- **Pin Q' PY** 02~15
- **TermIpoint** S-SMT
- **Row NO** 1-Single Row




**G-Switch Specification:**

1.Current rated: 1.0A AC/DC
2.Voltage rating: 100V AC/DC
3.Withstanding voltage: 250V AC
4.Contact resistance: 20mΩ max.
5.Insulation resistance: 100MΩ min
6.Durability cycle: 30Cycles
7.Removal force: 0.3kgf/Pin min
8.Operating temperature range: -40°C ~ +105°C

**Ordering Information:**

| Circuit | Dimensions(mm) | | | Circuit | Dimensions(mm) | | |
|---|---|---|---|---|---|---|---|
| | A | B | C | | A | B | C |
| 02 | — | 4.00 | 2.45 | 04 | 3.00 | 6.00 | 4.45 |
| 03 | 2.00 | 5.00 | 3.45 | 05 | 4.00 | 7.00 | 5.45 |

| NO. | PART NAME | MATERIAL | REMARK |
|---|---|---|---|
| 3 | SOLDER TABS | BRASS | MATTE Tin |
| 2 | PIN MATERIAL | PHOSPHOR BRONZE | MATTE Tin |
| 1 | HOUSING | PA9T,94V-0 | NATURE |

Pb Process Capable RoHS Compliant EU RoHS Standards

| | |
|---|---|
| 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° |

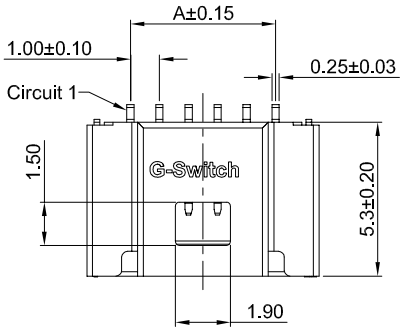
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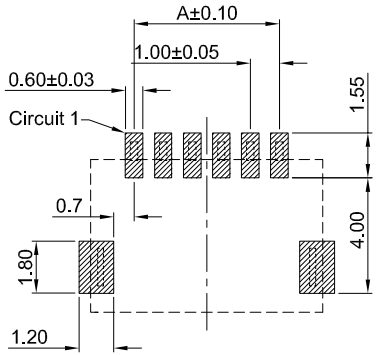
Molde Code: GT-A1008WRS-1XXXXX01

| DRAWN | CHECKED | APPROVED | DATE |
|---|---|---|---|
| Hu | Chen | Chen | 2022.12.28 |

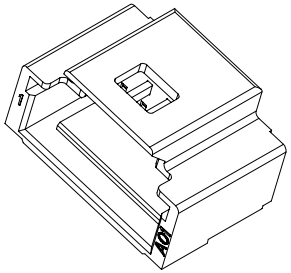
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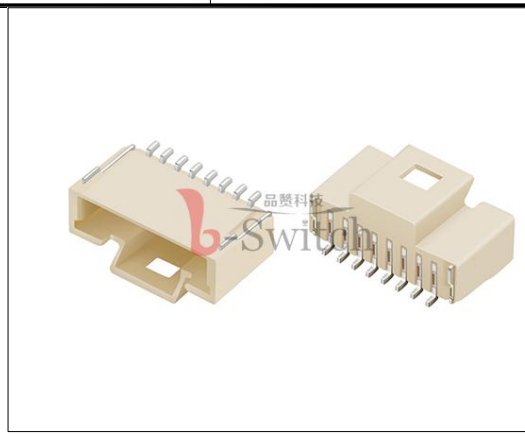
REV: A0 SHEET: 1/2



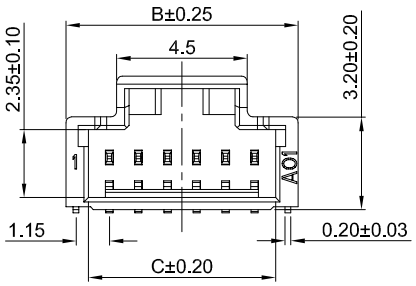

PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

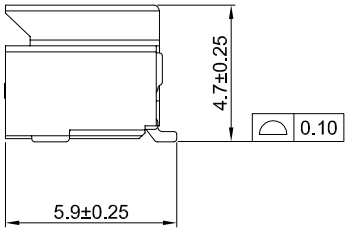


GT-A1008 W R S -1 XX X XX 01

- **G-Switch**
- **Series No**
- **Connector** W-Wafer
- **Angle** R-90°
- **TermIpoInt** S-SMT
- **Row NO** 1-Single Row
- **Pin Q' PY** 02~15
- **HousIng Colour** S-Nature
- **Terminal Plating** MT-Matte Tin




**G-Switch Specification:**

1.Current rated: 1.0A AC/DC
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3.Withstanding voltage: 250V AC
4.Contact resistance: 20mΩ max.
5.Insulation resistance: 100MΩ min
6.Durability cycle: 30Cycles
7.Removal force: 0.3kgf/Pin min
8.Operating temperature range: -40°C ~ +105°C

**Ordering Information:**

| Circuit | Dimensions(mm) | | | Circuit | Dimensions(mm) | | |
|---|---|---|---|---|---|---|---|
| | A | B | C | | A | B | C |
| 06 | 5.00 | 8.00 | 6.45 | 11 | 10.00 | 13.00 | 11.45 |
| 07 | 6.00 | 9.00 | 7.45 | 12 | 11.00 | 14.00 | 12.45 |
| 08 | 7.00 | 10.00 | 8.45 | 13 | 12.00 | 15.00 | 13.45 |
| 09 | 8.00 | 11.00 | 9.45 | 14 | 13.00 | 16.00 | 14.45 |
| 10 | 9.00 | 12.00 | 10.45 | 15 | 14.00 | 17.00 | 15.45 |

| NO. | PART NAME | MATERIAL | REMARK |
|---|---|---|---|
| 3 | SOLDER TABS | BRASS | MATTE Tin |
| 2 | PIN MATERIAL | PHOSPHOR BRONZE | MATTE Tin |
| 1 | HOUSING | PA9T,94V-0 | NATURE |

Pb Process Capable RoHS Compliant EU RoHS Standards

| | | | |
|---|---|---|---|
| SCALE: 1:1 | UNIT: mm | Title: Wafer 1.00mm Pitch 90° MX Single Row SMT Type Connector | |
| SIZE: A4 | | | |
| Unless otherwise General Tolerance: X ±0.40, X.x ±0.30, X.xx ±0.20, X° ±5°, X.x° ±3° | | Molde Code: GT-A1008WRS-1XXXXX01 | |
| DRAWN | CHECKED | APPROVED | DATE |
| Hu | Chen | Chen | 2022.12.28 |

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REV: A0 SHEET: 2/2

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## G-Switch:

DC-S001B-D013-3.5A GT-F0502SR20-04SMT01 GT-F0502SR20-23SMT01 GT-F1009DV44-25BBT01 PS-8055SVA-6PNA GT-A2501WVS-103SBT01 GT-BTR20008-0460A-004A GT-F1009SV44-30BBT01 GT-USB-7100A GT-A1257WVS-103SBT01 GT-A2001WVS-110SBT01 GT-F0503SR20-30S1101 GT-F1009SV44-17BBT01 GT-F1010SR20-07SMT01 GT-F1010SR20-30SMT01 GT-TC194B-H0055-L1 GT-USB-2201 GT-BTP16006-0180B-014B GT-F0512SR18-04S0101 GT-F1007SR20-07S0101 ST-0275S00-082-182 GT-A2001HM-106W01 GT-F0501SR10-08S1101 PJ-2013-L6S GT-F0502SR20-52SMT01 GT-F1009SR28-18BBT01 GT-F0502SR20-22SMT01 GT-USB-7010EN GT-A1002WRS-112SBT01 GT-F1007SR20-30S0101