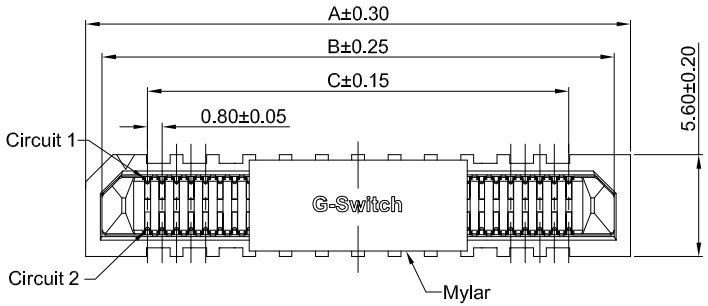
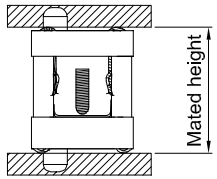
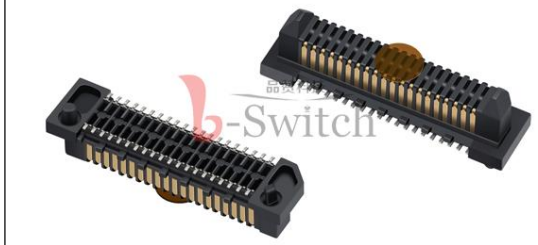
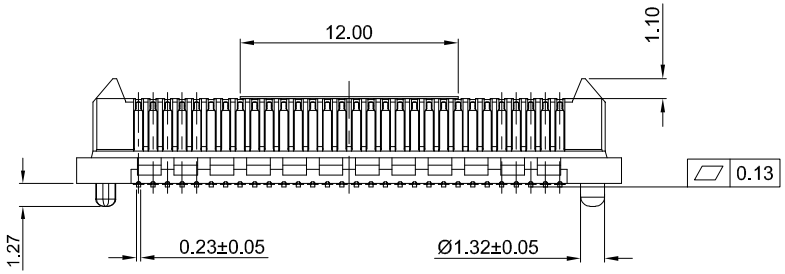
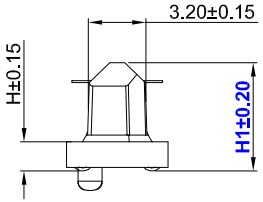



MATING HEIGHT

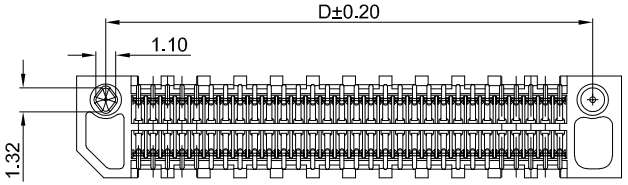


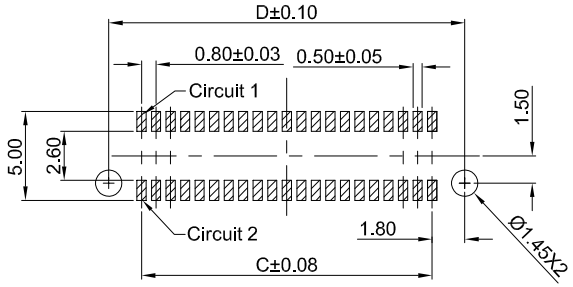




GT-B0803 M S V XX -XX X XX 01

- G-Switch
- Series No
- M-Male
- TermIpoint: S-SMT
- Angle: V-180°
- Height: 20-2.00mm, 30-3.00mm, 50-5.00mm, 80-8.00mm, 90-9.00mm
- Pin Q' PY: 10~200
- Housing Colour: B-Black
- Terminal Plating: 04-Au10μ"




PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

**G-Switch Specification:**

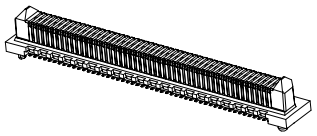
1.Current rated: 1.4A AC/DC
2.Voltage rating: 225V AC/DC
3.Withstanding voltage: 675V AC
4.Contact resistance: 15mΩ Max.
5.Insulation resistance: 5000MΩ min
6.Durability cycle: 30 Cycles
7.Removal force: 0.01kgf/Pin min
8.Operating temperature range: -55°C ~ +125°C

**Ordering Information:**

| Circuit | Dimensions(mm) | | | |
|---|---|---|---|---|
| | A | B | C | D |
| 10 | 10.00 | 8.20 | 3.20 | 6.80 |
| 20 | 14.00 | 12.20 | 7.20 | 10.80 |
| 22 | 14.80 | 13.00 | 8.00 | 11.60 |
| 24 | 15.60 | 13.80 | 8.80 | 12.40 |
| 26 | 16.40 | 14.60 | 9.60 | 13.20 |
| 30 | 18.00 | 16.20 | 11.20 | 14.80 |
| 40 | 22.00 | 20.20 | 15.20 | 18.80 |
| 50 | 26.00 | 24.20 | 19.20 | 22.80 |
| 60 | 30.00 | 28.20 | 23.20 | 26.80 |
| 70 | 34.00 | 32.20 | 27.20 | 30.80 |
| 80 | 38.00 | 36.20 | 31.20 | 34.80 |
| 100 | 46.00 | 44.20 | 39.20 | 42.80 |
| 120 | 54.00 | 52.20 | 47.20 | 50.80 |
| 140 | 62.00 | 60.20 | 55.20 | 58.80 |
| 150 | 66.00 | 64.20 | 59.20 | 62.80 |
| 200 | 86.00 | 84.20 | 79.20 | 82.00 |

| Height | H | H1 |
|---|---|---|
| 2.00 | 1.61 | 5.97 |
| 3.00 | 2.61 | 6.97 |
| 5.00 | 4.61 | 8.91 |
| 8.00 | 7.61 | 11.91 |
| 9.00 | 8.61 | 12.91 |

| Mated height(mm) | | | |
|---|---|---|---|
| Male(H) | Female(H) | | |
| | 5.0 | 7.0 | 9.0 |
| 2.0 | 7.00 | 9.00 | 11.00 |
| 3.0 | 8.00 | – | – |
| 5.0 | 10.00 | 12.00 | 14.00 |
| 8.0 | 13.00 | 15.00 | 17.00 |
| 9.0 | 14.00 | 16.00 | 18.00 |



| NO. | PART NAME | MATERIAL | REMARK |
|---|---|---|---|
| 2 | CONTACT | PHOSPHOR BRONZE | Au10μ" ON CONTACT AREA |
| 1 | HOUSING | LCP,94V-0 | BLACK |

| | | | |
|---|---|---|---|
| SCALE: 1:1 | UNIT: mm | Title: | BTB 0.80mm Pitch 180° Dual Rows SMT Type Mate Connector |
| SIZE: A4 | | Model Code: | GT-B0803MSVXX-XXXXX01 |

Unless otherwise General Tolerance:

| | |
|---|---|
| X | ±0.40 |
| X.x | ±0.30 |
| X.xx | ±0.20 |
| X° | ±5° |
| X.x° | ±3° |

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

品赞科技 G-Switch www.dg-switch.com

REV: A0 SHEET: 1/1