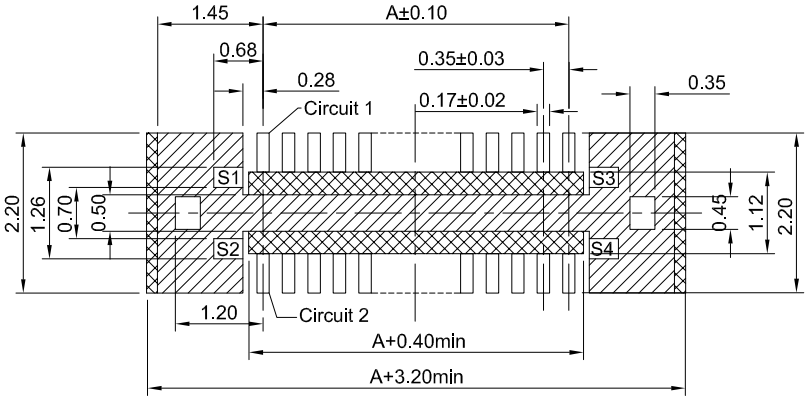


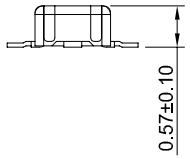



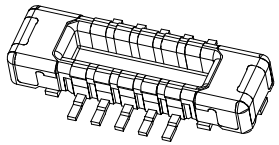

PCB REFERENCE DIAGRAM

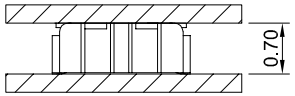
TOLERANCE:±0.05

**G-Switch Specification:**

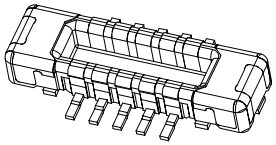
1.Current rated: 0.3A AC/DC(Signal pin)
Current rated: 5.0A AC/DC(Power pin)
2. Voltage rating: 50V AC/DC
3.Withstanding voltage: 250V AC
4.Contact resistance: 70mΩ max(Signal pin)
Contact resistance: 20mΩ max(Power pin)
5.Insulation resistance: 100MΩ min
6.Durability cycle: 30 Cycles
7.Removal force:0.02kgf/Pin min
8.Operating temperature range: -40°C ~ +85°C






MATING HEIGHT



GT-B0352 M S V 06 -XX X XX 01

- **G-Switch**
- **Series No**
- **M-Male**
- **Termipoint** S-SMT
- **ANGLE** V-180°
- **Height** 06:0.57mm
- **Pin Q' PY** 06~60
- **Housing Colour** B-Black
- **Terminal Plating** 12-All Au G/F

**Ordering Information:**

| Circuit | Dimensions(mm) A | Dimensions(mm) B | Circuit | Dimensions(mm) A | Dimensions(mm) B |
|---|---|---|---|---|---|
| 06 | 0.70 | 2.87 | 38 | 6.30 | 8.47 |
| 08 | 1.05 | 3.22 | 40 | 6.65 | 8.82 |
| 10 | 1.40 | 3.57 | 42 | 7.00 | 9.17 |
| 16 | 2.45 | 4.62 | 44 | 7.35 | 9.52 |
| 24 | 3.85 | 6.02 | 50 | 8.40 | 10.57 |
| 30 | 4.90 | 7.07 | 60 | 10.15 | 12.32 |
| 34 | 5.60 | 7.77 | -- | -- | -- |

| NO. | PART NAME | NUMBER | MATERIAL | REMARK |
|---|---|---|---|---|
| 3 | POWER PIN | S1-S4 | HIGH CONDUCTIVITY COPPER | Au2u" ON CONTACT AREA |
| 2 | SIGNAL PIN | PIN1 - PIN XX | PHOSPHOR BRONZ | Au2u" ON CONTACT AREA |
| 1 | HOUSING | 1PCS | LCP,94V-0 | BLACK |

Pb Process Capable | RoHS Compliant EU RoHS Standards | Compliant Halogen Free

| | | | |
|---|---|---|---|
| SCALE: 1:1 | UNIT: mm | Title: | Board to Board 0.35 Pitch 180° H0.60mm Dual Rows SMT Type Mate 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-B0352MSV06-XXXXX01 |

| DRAWN | CHECKED | APPROVED | DATE | REV: | SHEET: |
|---|---|---|---|---|---|
| Hu | Chen | Chen | 2022.12.28 | A0 | 1/1 |

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www.dg-switch.com

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Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

## G-Switch:

GT-BTP30004-0350B-019B GT-F0502SR20-04SMT01 GT-TC074A-H050-L1 GT-TCB73B-H090-L1
GT-USB-7012D GT-B0803MSV20-10B0401 GT-BTP16006-0180B-014B GT-BTP30006-0500B-015A
GT-USB-7093B GT-USB-7010H GT-USB-7019D GT-BTP30004-0720B-015A GT-BTP30006-0650B-015A
GT-BTP30007-0720B-015A GT-TC193A-H0675-L1 GT-USB-2201 GT-BTP25004-0400A-010A
GT-BTP30007-0350B-019B GT-BTP30007-0240B-019B GT-TC155A-H0060-L50 SS-23H02-G080
GT-B0403FSV19-50B1101 GT-B0803MSV20-60B0401 GT-TC025D-H0065-L1 GT-USB-6017
GT-BTR20008-0460A-004A GT-TC079A-H0040-L1 GT-USB-7010EN GT-USB-7084B ST-0275S00-082-182