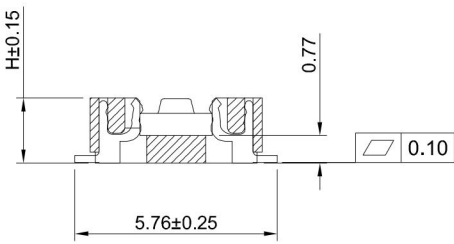
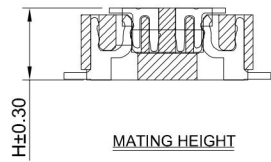


RECOMMEND PCB LAYOUT
TOLERANCE:±0.05

G-Switch Specification:

- 1.Current rated: 0.5A AC/DC
- 2.Voltage rating: 50V AC/DC
- 3.Withstanding voltage: 500V AC
- 4.Contact resistance: 40mΩ Max.
- 5.Insulation resistance: 500MΩ min
- 6.Durability cycle: 50Cycles
- 7.Removal force: 0.12kgf/Pin min
- 8.Operating temperature range: -40°C ~ +105°C



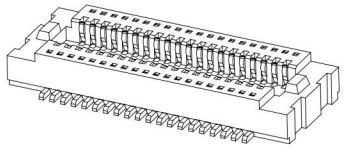
GT-B0504 F S V XX -XX X XX 01

G-Switch
Series No
F-Female
Termipoint
S-SMT
Angle
V-180°

Terminal Plating
11-ALL G/F
Housing Colour
S-Nature
Pin Q' PY
10-80
Mating Height
15-1.50mm
20-2.00mm
25-2.50mm

Ordering Information:

| Circuit | Dimensions(mm) | | | Circuit | Dimensions(mm) | | |
|---------|----------------|-------|-------|---------|----------------|-------|-------|
| | A | B | C | | A | B | C |
| 10 | 5.60 | 3.50 | 2.00 | 46 | 14.60 | 12.50 | 11.00 |
| 12 | 6.10 | 4.00 | 2.50 | 48 | 15.10 | 13.00 | 11.50 |
| 14 | 6.60 | 4.50 | 3.00 | 50 | 15.60 | 13.50 | 12.00 |
| 16 | 7.10 | 5.00 | 3.50 | 52 | 16.10 | 14.00 | 12.50 |
| 18 | 7.60 | 5.50 | 4.00 | 54 | 16.60 | 14.50 | 13.00 |
| 20 | 8.10 | 6.00 | 4.50 | 56 | 17.10 | 15.00 | 13.50 |
| 22 | 8.60 | 6.50 | 5.00 | 58 | 17.60 | 15.50 | 14.00 |
| 24 | 9.10 | 7.00 | 5.50 | 60 | 18.10 | 16.00 | 14.50 |
| 26 | 9.60 | 7.50 | 6.00 | 62 | 18.60 | 16.50 | 15.00 |
| 28 | 10.10 | 8.00 | 6.50 | 64 | 19.10 | 17.00 | 15.50 |
| 30 | 10.60 | 8.50 | 7.00 | 66 | 19.60 | 17.50 | 16.00 |
| 32 | 11.10 | 9.00 | 7.50 | 68 | 20.10 | 18.00 | 16.50 |
| 34 | 11.60 | 9.50 | 8.00 | 70 | 20.60 | 18.50 | 17.00 |
| 36 | 12.10 | 10.00 | 8.50 | 72 | 21.10 | 19.00 | 17.50 |
| 38 | 12.60 | 10.50 | 9.00 | 74 | 21.60 | 19.50 | 18.00 |
| 40 | 13.10 | 11.00 | 9.50 | 76 | 22.10 | 20.00 | 18.50 |
| 42 | 13.60 | 11.50 | 10.00 | 78 | 22.60 | 20.50 | 19.00 |
| 44 | 14.10 | 12.00 | 10.50 | 80 | 23.10 | 21.00 | 19.50 |



| MATING HEIGHT | PLUG (H.mm) | SOCKET (H.mm) |
|---------------|-------------|---------------|
| 1.5 | 1.28 | 1.35 |
| 2.0 | 1.28 | 1.85 |
| 2.5 | 1.28 | 2.35 |

| | |
|-------------------|-------------|
| 1.50 | 1.35 |
| 2.00 | 1.85 |
| 2.50 | 2.35 |
| MATING HEIGHT(mm) | SOCKET(H)mm |

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: BTB 0.50mm Pitch 180° Dual Rows SMT Type Femate Connector

Molde Code: GT-B0504FSVXX-XXXXX01

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



REV: A0 SHEET: 1/1

| NO. | PART NAME | MATERIAL | REMARK |
|-----|-----------|-----------------|---------|
| 2 | CONTACT | PHOSPHOR BRONZE | ALL G/F |
| 1 | HOUSING | LCP,94V-0 | NATURE |

