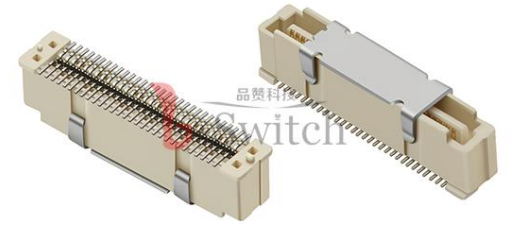
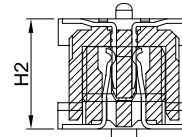
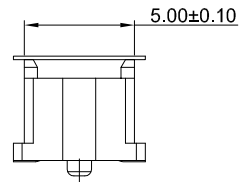
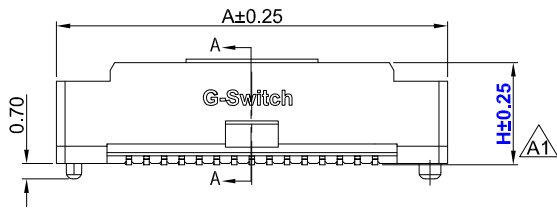


- G-Switch Specification:**
- 1.Current rated: 0.5A AC/DC
 2. Voltage rating:100V AC/DC
 - 3.Withstanding voltage: 500V AC
 - 4.Contact resistance: 30mΩ Max.
 - 5.Insulation resistance: 500MΩ min
 - 6.Durability cycle: 50 Cycles
 - 7.Removal force: 0.01kgf/Pin min
 - 8.Operating temperature range: -40°C ~ +105°C

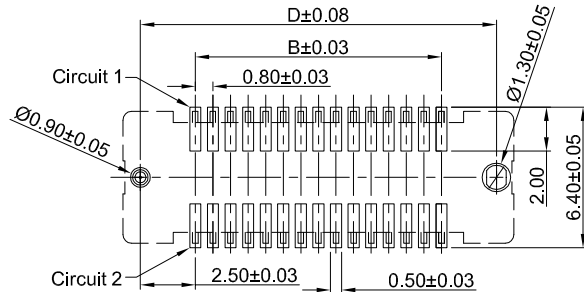
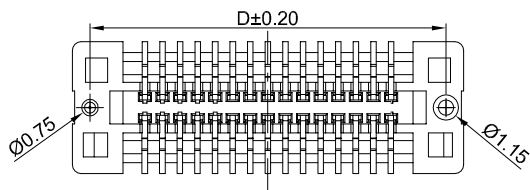


GT-B0805 M S V 77 -XX X XX 01

- G-Switch**
- Series No**
- M-Male**
- Termpoint**
S-SMT
- ANGLE**
V-180°
- Terminal Plating**
01-Gold Flash On Contact Area
- Housing Colour**
S-Nature
- Pin Q' PY**
20~200
- Height**
77-7.70mm



MATING HEIGHT



PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

| MATING HEIGHT(H2) | PLUG (H.mm) | SOCKET (H1.mm) | MATING HEIGHT | PLUG (H.mm) | SOCKET (H1.mm) |
|-------------------|-------------|----------------|---------------|-------------|----------------|
| 5.00 | 4.70 | 3.70 | 13.00 | 4.70 | 11.70 |
| 6.00 | 5.70 | 3.70 | 14.00 | 5.70 | 11.70 |
| 7.00 | 6.70 | 3.70 | 15.00 | 6.70 | 11.70 |
| 8.00 | 7.70 | 3.70 | 16.00 | 7.70 | 11.70 |
| 9.00 | 4.70 | 7.70 | 17.00 | 4.70 | 15.70 |
| 10.00 | 5.70 | 7.70 | 18.00 | 5.70 | 15.70 |
| 11.00 | 6.70 | 7.70 | 19.00 | 6.70 | 15.70 |
| 12.00 | 7.70 | 7.70 | 20.00 | 7.70 | 15.70 |

| NO. | PART NAME | MATERIAL | REMARK |
|-----|-----------|-----------------|---------------------------------------|
| 2 | CONTACT | PHOSPHOR BRONZE | ALL G/F OR Gold Flash On Contact Area |
| 1 | HOUSING | LCP,94V-0 | Nature |

Ordering Information:

| Circuit | Dimensions(mm) | | | | | |
|---------|----------------|-------|-------|-------|-------|-------|
| | A | B | C | D | E | F |
| 20 | 13.80 | 7.20 | 8.80 | 12.20 | 10.86 | 12.21 |
| 30 | 17.80 | 11.20 | 12.80 | 16.20 | 14.86 | 16.21 |



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°

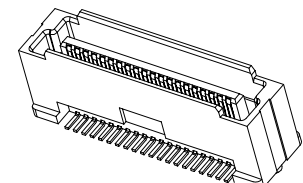
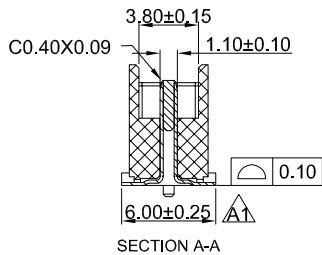
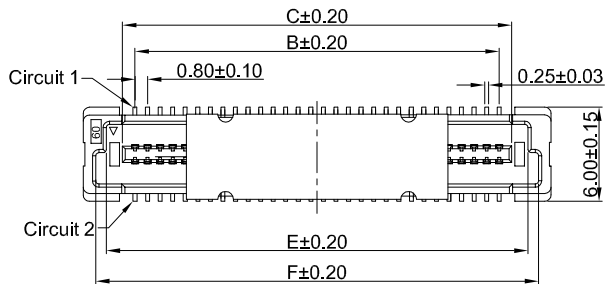
Title: BTB 0.80mm Pitch 180° Dual Rows SMT Type Mate Connector

Molde Code: GT-B0805MSV77-XXXXX01

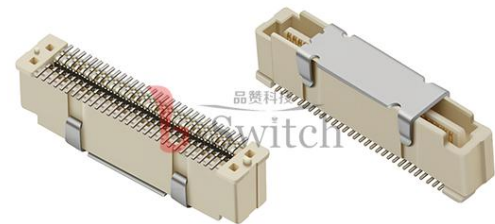
| DRAWN | CHECKED | APPROVED | DATE |
|-------|---------|----------|------------|
| Hu | Chen | Chen | 2026.01.20 |



REV: A0 SHEET: 1/2



- G-Switch Specification:**
- 1.Current rated: 0.5A AC/DC
 2. Voltage rating:100V AC/DC
 - 3.Withstanding voltage: 500V AC
 - 4.Contact resistance: 30mΩ Max.
 - 5.Insulation resistance: 500MΩ min
 - 6.Durability cycle: 50 Cycles
 - 7.Removal force: 0.01kgf/Pin min
 - 8.Operating temperature range: -40°C ~ +105°C



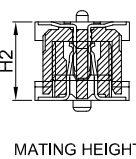
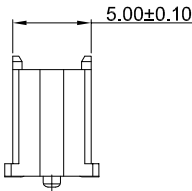
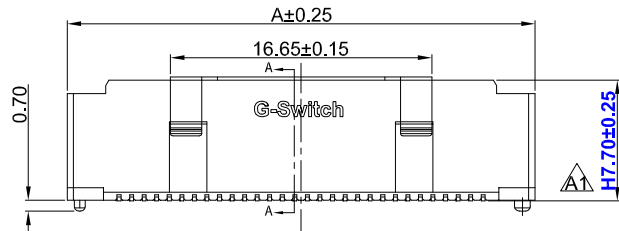
GT-B0805 M S V 77 -XX X XX 01

G-Switch
Series No
M-Male
Termpoint
 S-SMT
ANGLE
 V-180°

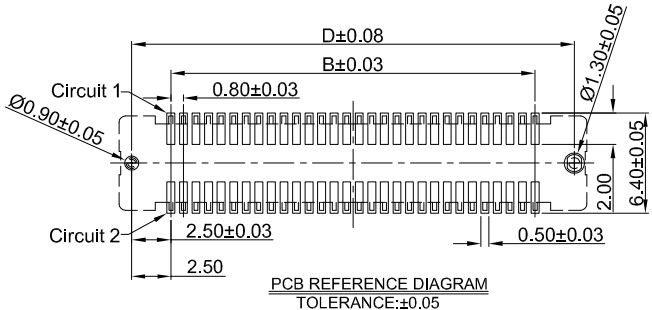
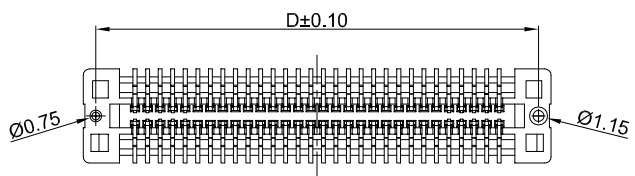
Terminal Plating
 01-Gold Flash On Contact Area
Housing Colour
 S-Nature
Pin Q' PY
 20~200
Height
 77-7.70mm

| MATING HEIGHT | PLUG (H.mm) | SOCKET (H1.mm) | MATING HEIGHT | PLUG (H.mm) | SOCKET (H1.mm) |
|---------------|-------------|----------------|---------------|-------------|----------------|
| 5.00 | 4.70 | 3.70 | 13.00 | 4.70 | 11.70 |
| 6.00 | 5.70 | 3.70 | 14.00 | 5.70 | 11.70 |
| 7.00 | 6.70 | 3.70 | 15.00 | 6.70 | 11.70 |
| 8.00 | 7.70 | 3.70 | 16.00 | 7.70 | 11.70 |
| 9.00 | 4.70 | 7.70 | 17.00 | 4.70 | 15.70 |
| 10.00 | 5.70 | 7.70 | 18.00 | 5.70 | 15.70 |
| 11.00 | 6.70 | 7.70 | 19.00 | 6.70 | 15.70 |
| 12.00 | 7.70 | 7.70 | 20.00 | 7.70 | 15.70 |

| | | | |
|-----|-----------|-----------------|---------------------------------------|
| 3 | SPCC | SUS | NI |
| 2 | CONTACT | PHOSPHOR BRONZE | ALL G/F OR Gold Flash On Contact Area |
| 1 | HOUSING | LCP,94V-0 | Nature |
| NO. | PART NAME | MATERIAL | REMARK |



MATING HEIGHT



Ordering Information:

| Circuit | Dimensions(mm) | | | | | |
|---------|----------------|-------|-------|-------|-------|-------|
| | A | B | C | D | E | F |
| 40 | 21.80 | 15.20 | 16.80 | 20.20 | 18.86 | 20.21 |
| 50 | 25.80 | 19.20 | 20.80 | 24.20 | 22.86 | 24.21 |
| 60 | 29.80 | 23.20 | 24.80 | 28.20 | 26.86 | 28.21 |
| 80 | 37.80 | 31.20 | 32.80 | 36.20 | 34.86 | 36.21 |
| 100 | 45.80 | 39.20 | 40.80 | 44.20 | 42.86 | 44.21 |
| 120 | 53.80 | 47.20 | 48.80 | 52.20 | 50.86 | 52.21 |
| 140 | 61.80 | 55.20 | 46.80 | 60.20 | 58.86 | 60.21 |
| 160 | 69.80 | 63.20 | 64.80 | 68.20 | 66.86 | 68.21 |
| 180 | 77.80 | 71.20 | 72.80 | 76.20 | 74.86 | 76.21 |
| 200 | 85.80 | 79.20 | 80.80 | 84.20 | 82.86 | 84.21 |

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 0.80mm Pitch 180° Dual Rows SMT Type Mate Connector

Molde Code: GT-B0805MSV77-XXXXX01

| DRAWN | CHECKED | APPROVED | DATE |
|-------|---------|----------|------------|
| Hu | Chen | Chen | 2026.01.20 |



REV: A1 SHEET: 2/2

