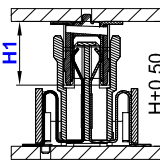
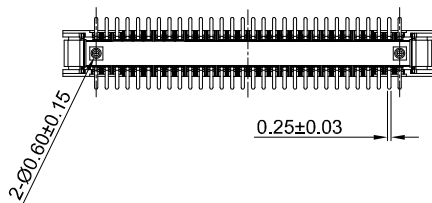
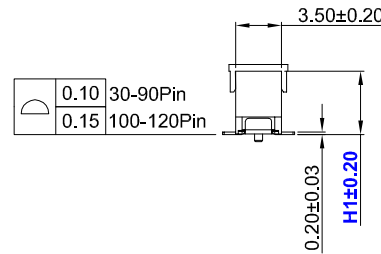
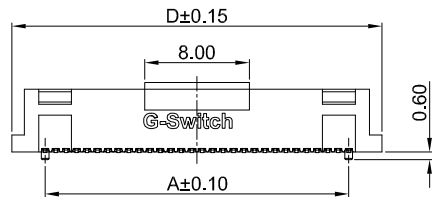
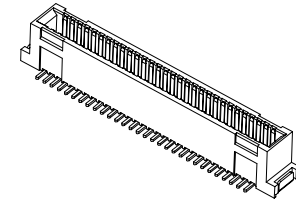


PCB REFERENCE DIAGRAM  
TOLERANCE:±0.05



MATING HEIGHT



GT-B0807 M S V XX -XX X XX 01

G-Switch

Series No

M-Male

Termipoint  
S-SMT

Angle  
V-180°

Terminal Plating  
11-All G/F

Housing Colour  
B-Black

Pin Q' PY  
30~120

Height (H1)  
48-4.80mm  
68-6.80mm  
78-7.80mm  
90-9.05mm

G-Switch Specification:

- 1.Current rated: 0.5A AC/DC
- 2.Voltage rating: 50V AC/DC
- 3.Withstanding voltage: 250V AC for 1 min
- 4.Contact resistance: 60mΩ max.
- 5.Insulation resistance: 500MΩ min
- 6.Durability cycle: 50 Cycles
- 7.Removal force: 0.013kgf/Pin min
- 8.Operating temperature range: -40°C ~ +125°C

|     |             |                 |            |
|-----|-------------|-----------------|------------|
| 3   | SOLDER TABS | BRASS           | BRIGHT Tin |
| 2   | CONTACT     | PHOSPHOR BRONZE | ALL G/F    |
| 1   | HOUSING     | LCP,94V-0       | BLACK      |
| NO. | PART NAME   | MATERIAL        | REMARK     |

Ordering Information:

| Circuit | Dimension(mm) |      |      |      | Circuit | Dimension(mm) |      |      |      | Plug<br>(H1 mm) | Mated Height<br>(H mm) |
|---------|---------------|------|------|------|---------|---------------|------|------|------|-----------------|------------------------|
|         | A             | B    | C    | D    |         | A             | B    | C    | D    |                 |                        |
| 30      | 11.2          | 13.0 | 14.4 | 16.3 | 80      | 31.2          | 33.0 | 34.4 | 36.3 | 4.80            | 9.75                   |
| 40      | 15.2          | 17.0 | 18.4 | 20.3 | 90      | 35.2          | 37.0 | 38.4 | 40.3 | 6.80            | 11.75                  |
| 50      | 19.2          | 21.0 | 22.4 | 24.3 | 100     | 39.2          | 41.0 | 42.4 | 44.3 | 7.80            | 12.75                  |
| 60      | 23.2          | 25.0 | 26.4 | 28.3 | 110     | 43.2          | 45.0 | 46.4 | 48.3 | 9.05            | 14.00                  |
| 70      | 27.2          | 29.0 | 30.4 | 32.3 | 120     | 47.2          | 49.0 | 50.4 | 52.3 | --              | --                     |



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 Male Connector

Molde Code: GT-B0807MSVXX-XXXXX01

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



REV: A0 SHEET: 1/1