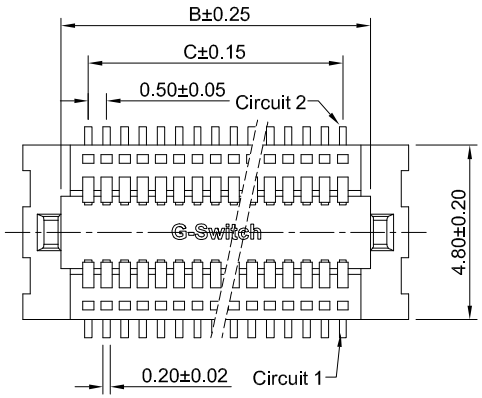
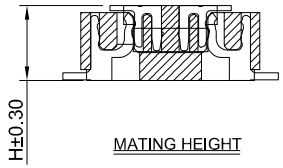
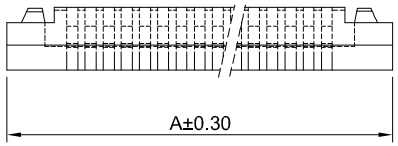
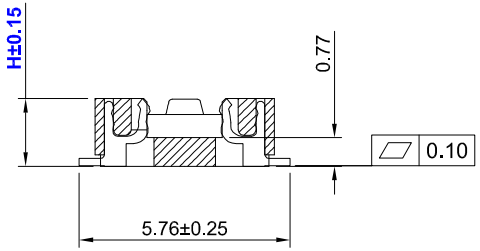
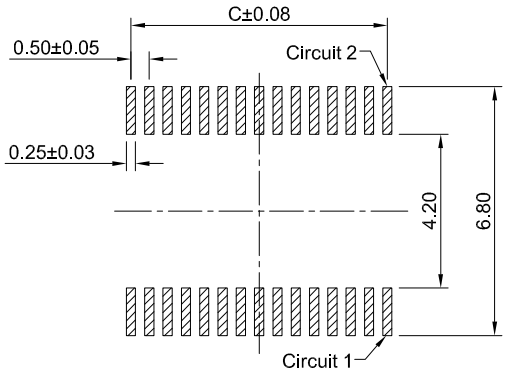




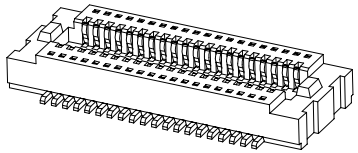
MATING HEIGHT





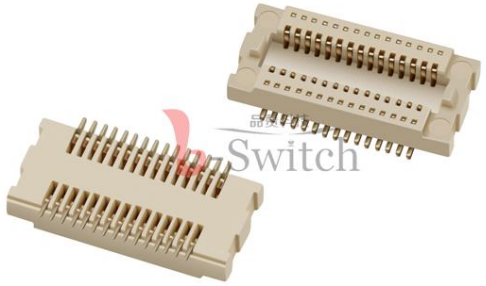


PCB REFERENCE DIAGRAM
TOLERANCE:±0.05



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) A	B	C	Circuit	Dimensions(mm) 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

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

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

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

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 Female Connector

Model Code: GT-B0504FSVXX-XXXXX01

DRAWN	CHECKED	APPROVED	DATE
Hu	Chen	Chen	2022.12.28

品赞科技 b-Switch www.dg-switch.com

REV: A0 | SHEET: 1/1