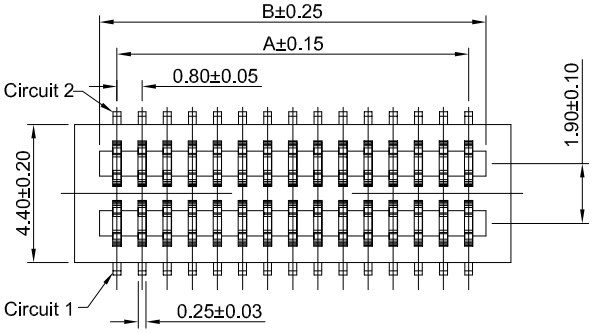
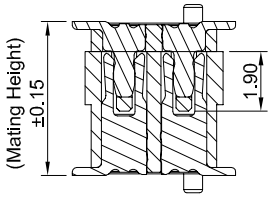
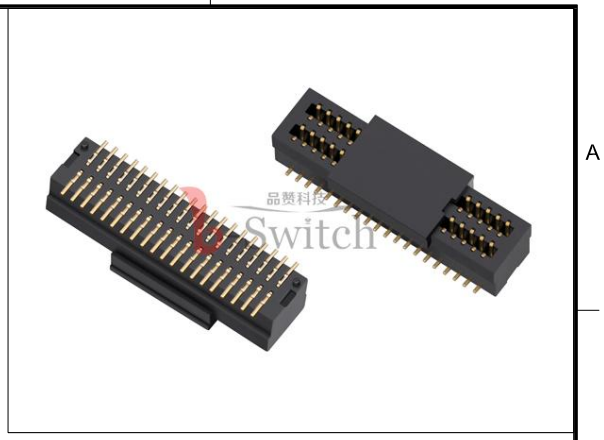




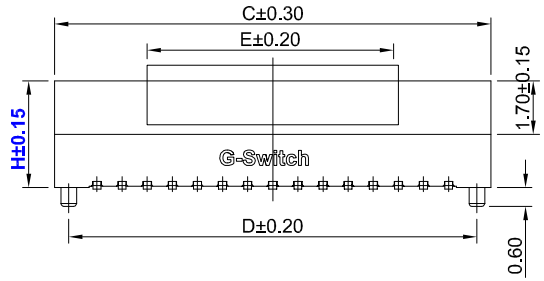
MATING HEIGHT

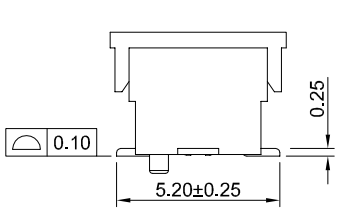
MATING HEIGHT	PLUG (H.mm)	SOCKET (H.mm)
4.0	1.0	3.0
4.5	1.0	3.5
5.0	1.0	4.0
5.0	2.0	3.0
5.5	1.0	4.0
5.5	2.0	3.5
6.0	2.0	4.0
6.5	2.0	4.5
7.0	4.0	3.0
7.5	4.0	3.5
8.0	4.0	4.0
8.5	4.0	4.5

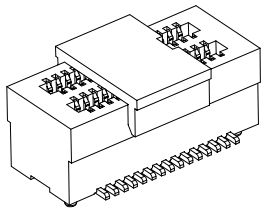


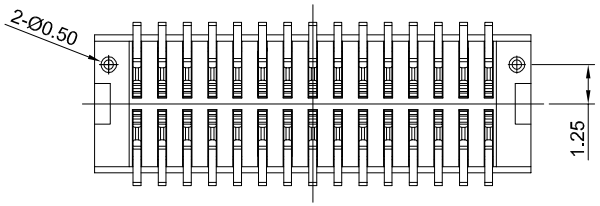
GT-B0801 F S V XX -XX X XX 01

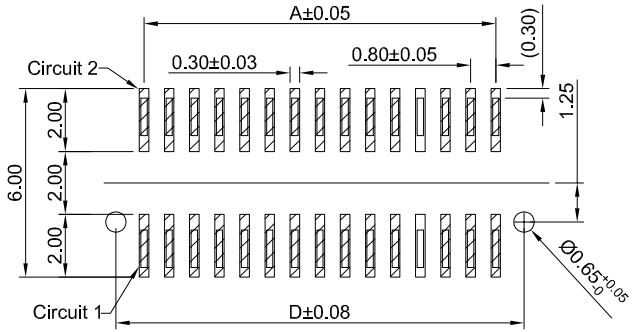
- **G-Switch**
- **Series No**
- **F-Female**
- **Termipoint** S-SMT
- **ANGLE** V-180°
- **Pin Q' PY** 08~100
- **Height** 30-3.00mm, 35-3.50mm, 40-4.00mm, 45-4.50mm
- **Housing Colour** B-Black
- **Terminal Plating** 11-ALL G/F











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: 20mΩ Max.
5.Insulation resistance: 800MΩ min
6.Durability cycle: 30 Cycles
7.Removal force: 0.12kgf/Pin min
8.Operating temperature range: -40°C ~ +105°C

Ordering Information:

Circuit	Dimensions(mm) A	B	C	D	E
08	2.40	3.50	5.10	4.20	4.00
10	3.20	4.30	5.90	5.00	
12	4.00	5.10	6.70	5.80	
14	4.80	5.90	7.50	6.60	
16	5.60	6.70	8.30	7.40	
18	6.40	7.50	9.10	8.20	
20	7.20	8.30	9.90	9.00	
22	8.00	9.10	10.70	9.80	
24	8.80	9.90	11.50	10.60	8.00
26	9.60	10.70	12.30	11.40	
28	10.40	11.50	13.10	12.20	
30	11.20	12.30	13.90	13.00	

Circuit	Dimensions(mm) A	B	C	D	E
32	12.00	13.10	14.70	13.80	8.00
34	12.80	13.90	15.50	14.60	
36	13.60	14.70	16.30	15.40	
38	14.40	15.50	17.10	16.20	
40	15.20	16.30	17.90	17.00	
44	16.80	17.90	19.50	18.60	
50	19.20	20.30	21.90	21.00	
52	20.00	21.10	22.70	21.80	
60	23.20	24.30	25.90	25.00	
70	27.20	28.30	29.90	29.00	
80	31.20	32.30	33.90	33.00	
100	39.20	40.30	41.90	41.00	

NO.	PART NAME	MATERIAL	REMARK
3	CONTACT	PHOSPHOR BRONZE	ALL G/F
2	COVER	PA9T,94V-0	BLACK
1	HOUSING	PA9T,94V-0	BLACK

Pb Process Capable | RoHS Compliant EU RoHS Standards | 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 0.80mm Pitch 180° Dual Rows SMT Type Femate Connector

Molde Code: GT-B0801FSVXX-XXXXX01

DRAWN	CHECKED	APPROVED	DATE
Hu	Hu	Chen	2022.12.28

品赞科技 G-Switch www.dg-switch.com ®

REV: A0 | SHEET: 1/1