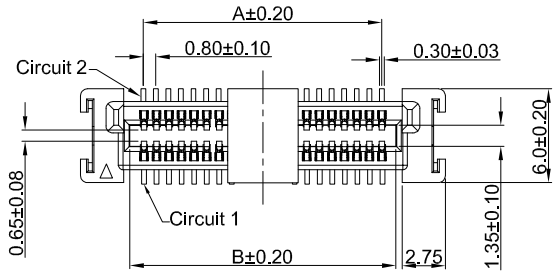
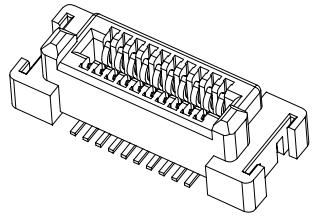
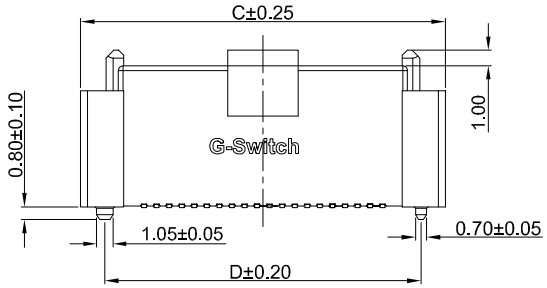
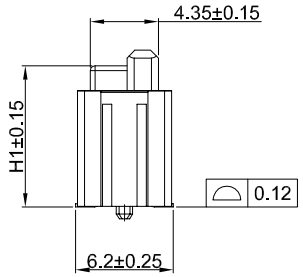


G-Switch Specification:

1.Current rated: 0.5A AC/DC
2. Voltage rating:100V AC/DC
3.Withstanding voltage: 500V AC
4.Contact resistance: 60mΩ Max.
5.Insulation resistance: 500MΩ min
6.Durability cycle: 50 Cycles
7.Removal force: 0.01kgf/Pin min
8.Operating temperature range: -40°C ~ +85°C

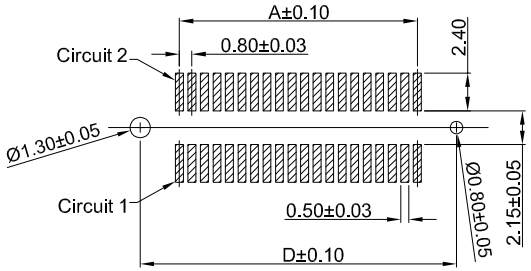




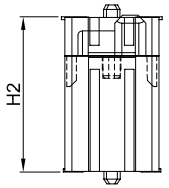


GT-B0810 F S V XX - XX X XX 01

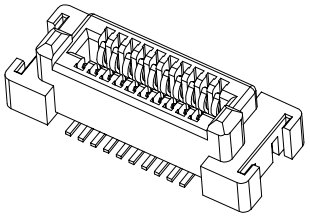
- **G-Switch**
- **Series No**
- **F-Female**
- **Termipoint** S-SMT
- **ANGLE** V-180°
- **Terminal Plating** 01-Gold Flash On Contact Area
- **Housing Colour** B-Black
- **Pin Q' PY** 10~120
- **Height** 40-4.00mm 90-9.00MM



PCB REFERENCE DIAGRAM
TOLERANCE:±0.05



MATING HEIGHT



MATING HEIGHT(H2)	PLUG (H.mm)	SOCKET (H1.mm)	MATING HEIGHT(H2)	PLUG (H.mm)	SOCKET (H1.mm)
5.00	4.50	4.00	13.00	7.50	9.00
8.00	7.50	4.00	15.00	9.50	9.00
10.00	4.50	9.00	---	---	---

NO.	PART NAME	MATERIAL	REMARK
3	CAP	LCP,94V-0	BLACK
2	CONTACT	PHOSPHOR BRONZE	Gold Flash On Contact Area
1	HOUSING	LCP,94V-0	BLACK

Ordering Information:

Circuit	Dimensions(mm)				Circuit	Dimensions(mm)			
	A	B	C	D		A	B	C	D
10	3.20	4.90	11.30	8.20	50	19.20	20.90	27.30	24.20
12	4.00	5.70	12.10	9.00	60	23.20	24.90	31.30	28.20
16	5.60	7.30	13.70	10.60	70	27.20	28.90	35.30	32.20
20	7.20	8.90	15.30	12.20	80	31.20	32.90	39.30	36.20
24	8.80	10.50	16.90	13.80	100	39.20	40.90	47.30	44.20
30	11.20	12.90	19.30	16.20	120	47.20	48.90	55.30	52.20
40	15.20	16.90	23.30	20.20	140	55.20	56.90	63.30	60.20

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

SCALE: 1:1	UNIT: mm	Title: BTB 0.80mm Pitch 180° Dual Rows SMT Type Femate Connector	
SIZE: A4			
Unless otherwise General Tolerance: X ±0.40, X.x ±0.30, X.xx ±0.20, X° ±5°, X.x° ±3°		Molde Code: GT-B0810FSVXX-XXXXX01	
DRAWN: Hu	CHECKED: Chen	APPROVED: Chen	DATE: 2022.12.28
REV: A0	SHEET: 1/1		

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