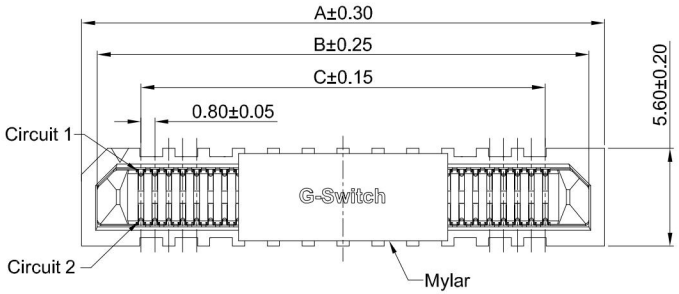
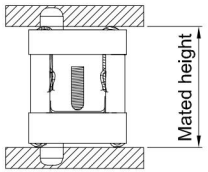
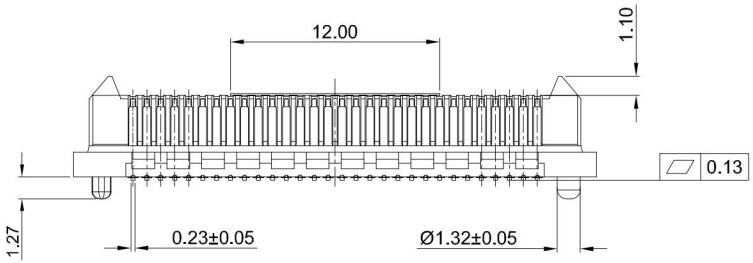
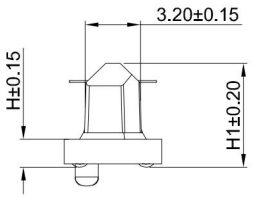




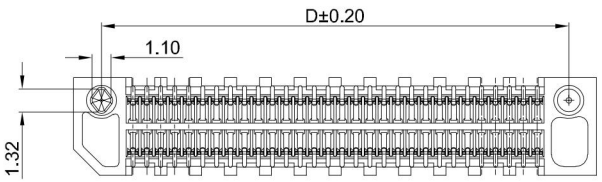
MATING HEIGHT

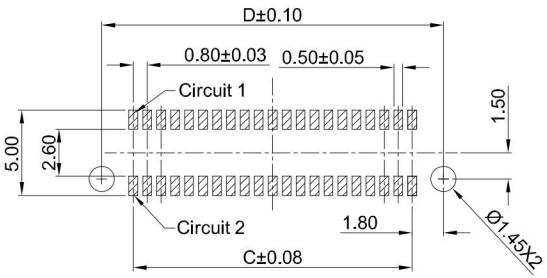




GT-B0803 M S V XX -XX X XX 01

- **G-Switch**
- **Series No**
- **M-Male**
- **Termipoint** S-SMT
- **Angle** V-180°
- **Height** 20-2.00mm, 30-3.00mm, 50-5.00mm, 80-8.00mm, 90-9.00mm
- **Pin Q' PY** 10~200
- **Housing Colour** B-Black
- **Terminal Plating** 04-Au10u"





RECOMMEND PCB LAYOUT
TOLERANCE:±0.05

G-Switch Specification:

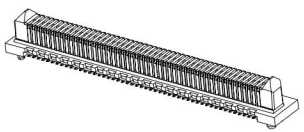
1. Current rated: 1.4A AC/DC
2. Voltage rating: 225V AC/DC
3. Withstanding voltage: 675V AC
4. Contact resistance: 15mΩ Max.
5. Insulation resistance: 5000MΩ min
6. Durability cycle: 30 Cycles
7. Removal force: 0.01kgf/Pin min
8. Operating temperature range: -55°C ~ +125°C

Ordering Information:

Circuit	Dimensions(mm)			
	A	B	C	D
10	10.00	8.20	3.20	6.80
20	14.00	12.20	7.20	10.80
22	14.80	13.00	8.00	11.60
24	15.60	13.80	8.80	12.40
26	16.40	14.60	9.60	13.20
30	18.00	16.20	11.20	14.80
40	22.00	20.20	15.20	18.80
50	26.00	24.20	19.20	22.80
60	30.00	28.20	23.20	26.80
70	34.00	32.20	27.20	30.80
80	38.00	36.20	31.20	34.80
100	46.00	44.20	39.20	42.80
120	54.00	52.20	47.20	50.80
140	62.00	60.20	55.20	58.80
150	66.00	64.20	59.20	62.80
200	86.00	84.20	79.20	82.00

Height	H	H1
2.00	1.61	5.97
3.00	2.61	6.97
5.00	4.61	8.91
8.00	7.61	11.91
9.00	8.61	12.91

Mated height(mm)			
Mate(H)	Femate(H)		
	5.0	7.0	9.0
2.0	7.00	9.00	11.00
3.0	8.00	--	--
5.0	10.00	12.00	14.00
8.0	13.00	15.00	17.00
9.0	14.00	16.00	18.00



NO.	PART NAME	MATERIAL	REMARK
2	CONTACT	PHOSPHOR BRONZE	Au10u" ON CONTACT AREA
1	HOUSING	LCP,94V-0	BLACK

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 Mate Connector	品赞科技 G-Switch www.dg-switch.com
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-B0803MSVXX-XXXXX01	
DRAWN: Hu	CHECKED: Chen	APPROVED: Chen	DATE: 2022.12.28
REV: A0	SHEET: 1/1		