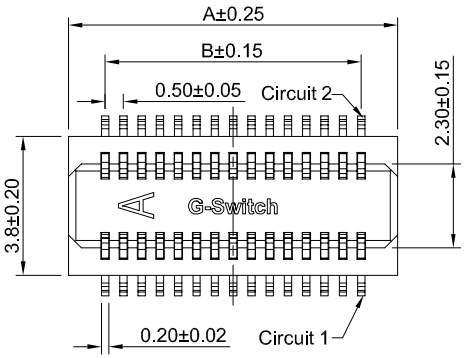
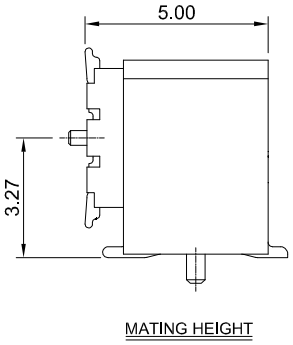


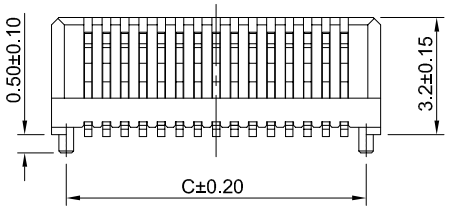


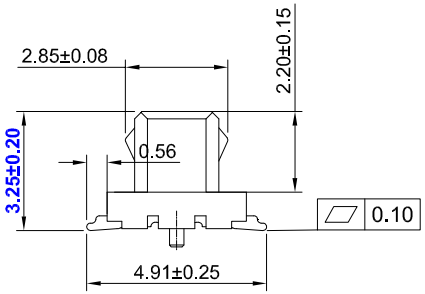
MATING HEIGHT

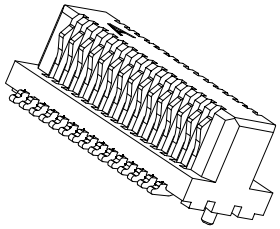
G-Switch Specification:

1.Current rated: 0.5A AC/DC
2.Voltage rating: 60V AC/DC
3.Withstanding voltage: 500V AC
4.Contact resistance: 60mΩ Max.
5.Insulation resistance: 800MΩ min
6.Durability cycle: 30 Cycles
7.Removal force: 0.03kgf/Pin min
8.Operating temperature range: -25°C ~ +85°C



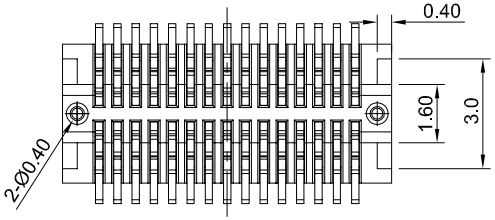


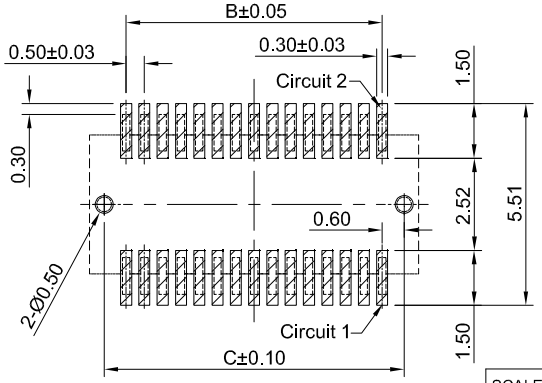




GT-B0503 M S V 32 -XX X XX 01

- G-Switch
- Series No
- M-Male
- Termipoint: S-SMT
- Angle: V-180°
- Helght: 32-3.25mm
- Pin Q' PY: 10~80
- Housing Colour: S-Nature
- Terminal Plating: 11-ALL G/F





PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

Ordering Information:

Circuit	Dimensions(mm) A	B	C	Circuit	Dimensions(mm) A	B	C
4	2.50	0.50	1.70	32	9.50	7.50	8.70
6	3.00	1.00	2.20	34	10.00	8.00	9.20
8	3.50	1.50	2.70	36	10.50	8.50	9.70
10	4.00	2.00	3.20	38	11.00	9.00	10.20
12	4.50	2.50	3.70	40	11.50	9.50	10.70
14	5.00	3.00	4.20	42	12.00	10.00	11.20
16	5.50	3.50	4.70	44	12.50	10.50	11.70
18	6.00	4.00	5.20	46	13.00	11.00	12.20
20	6.50	4.50	5.70	48	13.50	11.50	12.70
22	7.00	5.00	6.20	50	14.00	12.00	13.20
24	7.50	5.50	6.70	52	14.50	12.50	13.70
26	8.00	6.00	7.20	60	16.50	14.50	15.70
28	8.50	6.50	7.70	70	19.00	17.00	18.20
30	9.00	7.00	8.20	80	21.50	19.50	20.70

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

SCALE: 1:1	UNIT: mm	Title:	BTB 0.50mm Pitch 180° Dual Rows SMT Type Mate Connector
SIZE: A4			
Unless otherwise General Tolerance:		Model Code:	GT-B0503MSV32-XXXXX01

X ±0.40	X.x ±0.30	X.xx ±0.20	X° ±5° X.x° ±3°

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