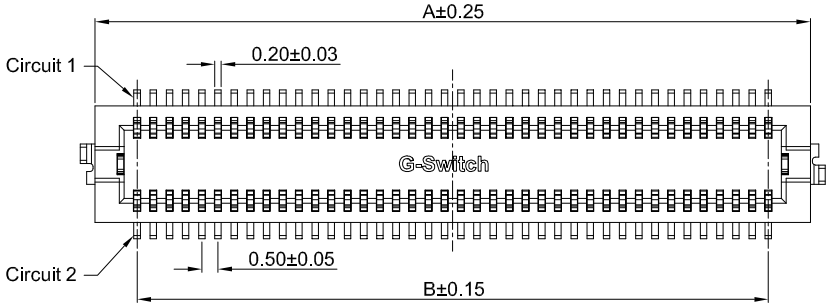
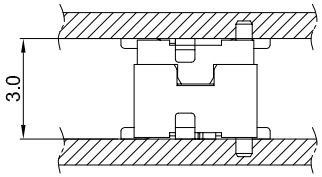
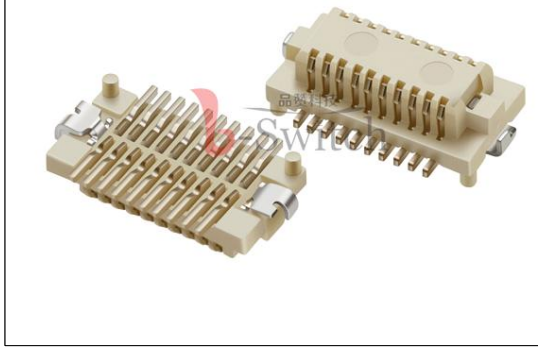


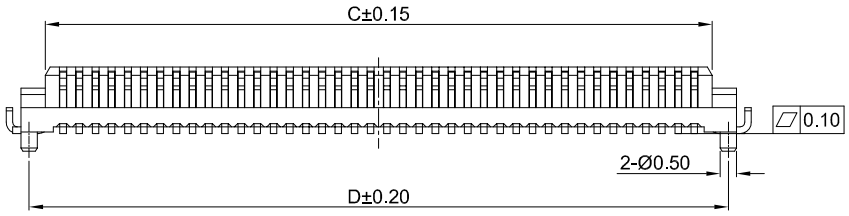


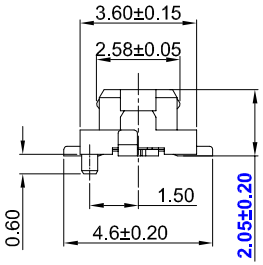
MATING HEIGHT

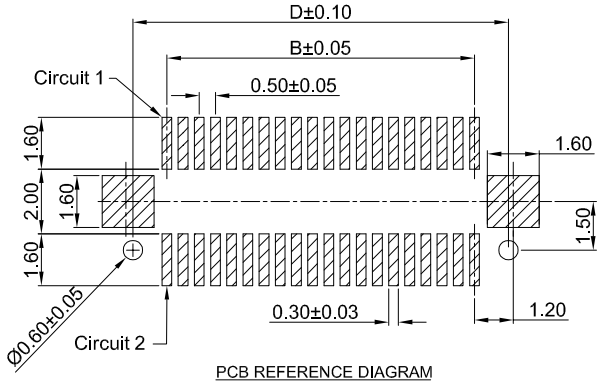


GT-B0502 M S V 21 -XX X XX 02

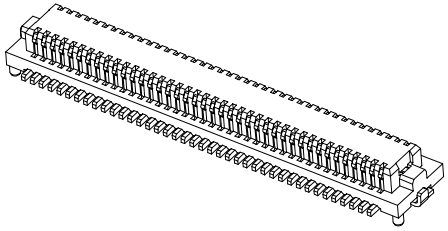
- **G-Switch**
- **Serles No**
- **M-Male**
- **Termipoint** S-SMT
- **Angle** V-180°
- **Helght** 21-2.05mm
- **Pin Q' PY** 10~80
- **Housing Colour** S-Nature, B-Black
- **Terminal Plating** 11-All Au G/F







PCB REFERENCE DIAGRAM
TOLERANCE:±0.05



G-Switch Specification:

1.Current rated: 0.3A AC/DC
2.Voltage rating: 50V AC/DC
3.Withstanding voltage: 150V AC
4.Contact resistance: 50mΩ Max.
5.Insulation resistance: 500MΩ min
6.Durability cycle: 30Cycles
7.Removal force: 0.30kgf/Pin min
8.Operating temperature range: -40°C ~ +85°C

Ordering Information:

Circuit	Dimensions(mm) A	B	C	D	Circuit	Dimensions(mm) A	B	C	D
10	4.60	2.00	3.10	4.10	32	10.10	7.50	8.60	9.60
12	5.10	2.50	3.60	4.60	36	11.10	8.50	9.60	10.60
14	5.60	3.00	4.10	5.10	40	12.10	9.50	10.60	11.60
20	7.10	4.50	5.60	6.60	50	14.60	12.00	13.10	14.10
22	7.60	5.00	6.10	7.10	60	17.10	14.50	15.60	16.60
24	8.10	5.50	6.60	7.60	70	19.60	17.00	18.10	19.10
30	9.60	7.00	8.10	9.10	80	22.10	19.50	20.60	21.60

NO.	PART NAME	MATERIAL	REMARK
3	SOLDER TABS	PHOSPHOR BRONZE	BRIGHT Tin
2	CONTACT	PHOSPHOR BRONZE	ALL Au 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	Title: BTB 0.50mm Pitch 180° H2.1mm Dual Rows SMT Type Mate Connector	
SIZE: A4			
Unless otherwise General Tolerance:		Molde Code: GT-B0502MSV21-XXXXX02	
X ±0.40			
X.x ±0.30			
X.xx ±0.20			
X° ±5°			
X.x° ±3°			

DRAWN	CHECKED	APPROVED	DATE	REV:	SHEET:
Hu	Chen	Chen	2022.12.28	A0	1/1

品赞科技 b-Switch www.dg-switch.com