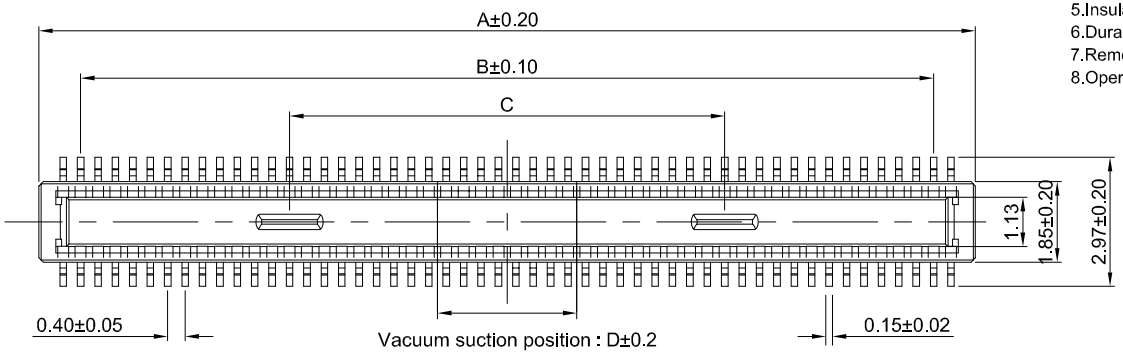
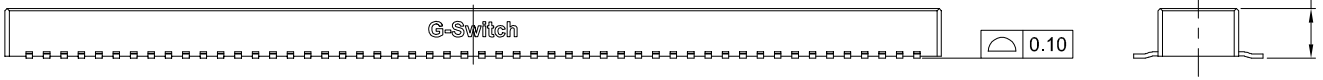
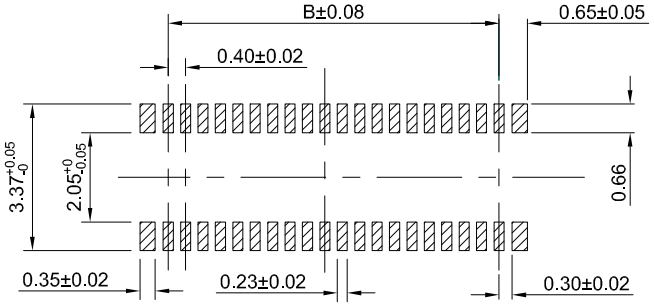
G-Switch Specification:

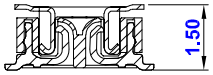
1.Current rated: 0.3A AC/DC
2.Voltage rating: 50V AC/DC
3.Withstanding voltage: 150V AC
4.Contact resistance: 90mΩ max
5.Insulation resistance: 1000MΩ min
6.Durability cycle: 30 Cycles
7.Removal force: 0.10kgf/Pin min
8.Operating temperature range: -55°C ~ +125°C



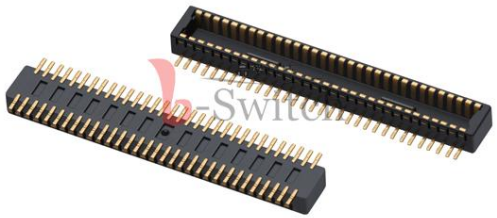




PCB REFERENCE DIAGRAM
TOLERANCE:±0.05



MATING HEIGHT



GT-B0403 M S V 11 -XX X XX 01

- **G-Switch**
- **Series No**
- **M-Male**
- **Termipoint** S-SMT
- **Angle** V-180°
- **Height** 11-1.14mm
- **Pin Q' PY** 10~120
- **Housing Colour** B-Black
- **Terminal Plating** 11-All Au G/F

Ordering Information:

Circuit	Dimensions A	B	C	D	Mating height	Plug (H.)	Socket (H.)
10	3.52	1.60	-		1.5	1.14	1.4
12	3.92	2.00	-	1.00	2.0	1.14	1.9
20	5.52	3.60	1.93		2.5	1.14	2.4
24	6.32	4.40	2.43	1.20	3.0	1.14	2.9
30	7.52	5.60	3.18	1.50	3.5	1.14	3.4
34	8.32	6.40	3.68	2.30	4.0	1.14	3.9
40	9.52	7.60	5.08		–		
44	10.32	8.40	5.86		–		
50	11.52	9.60	5.50		–		
60	13.52	11.60	6.00		–		
70	15.52	13.60	7.00	3.20	–		
80	17.52	15.60	8.00		–		
90	19.52	17.60	9.00		–		
100	21.52	19.60	10.00		–		
120	25.52	23.60	14.00		–		

NO.	PART NAME	MATERIAL	REMARK
2	CONTACT	HIGH CONDUCTIVITY COPPER	ALL Au G/F
1	HOUSING	LCP+30%GF,94V-0	BLACK

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

SCALE: 1:1	UNIT: mm	Title: BTB 0.40mm Pitch 180° H1.14mm Dual Rows SMT Type Mate Connector	
SIZE: A4			
Unless otherwise General Tolerance: X ±0.40, X.x ±0.30, X.xx ±0.20, X° ±5°, X.x° ±3°		Model Code: GT-B0403MSV11-XXXXX01	
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