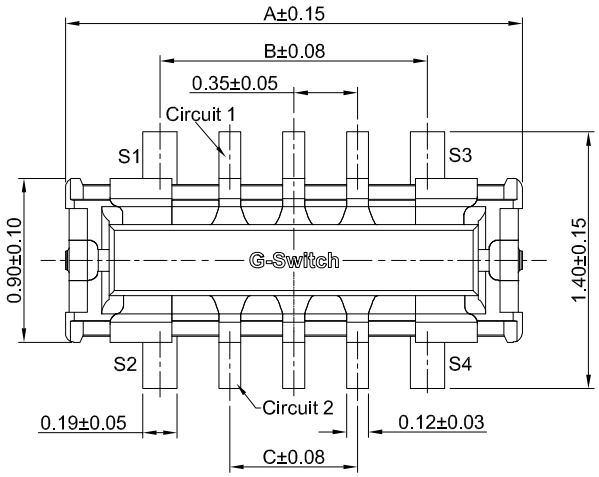
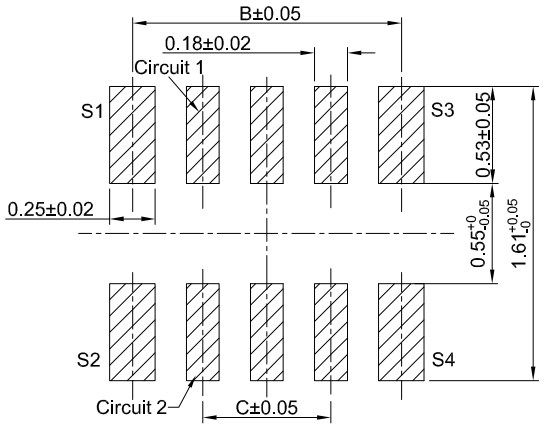
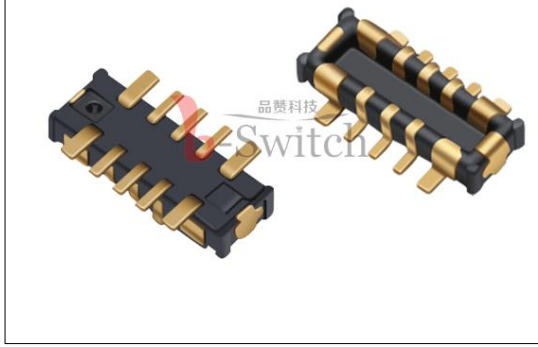


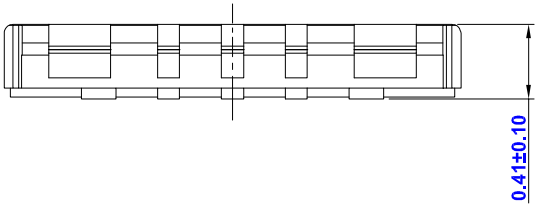


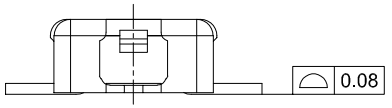
PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

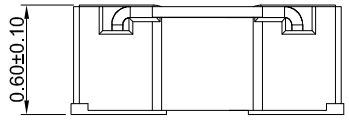


GT-B0353 M S V 04 -XX X XX 01

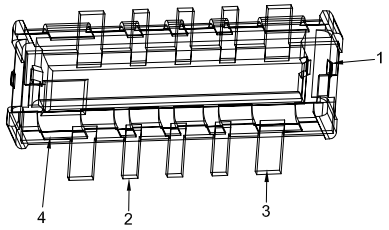
- **G-Switch**
- **Series No**
- **M-Male**
- **TermIpoInt** S-SMT
- **Angle** V-180°
- **Height** 04-0.41mm
- **Pin Q' PY** 2-16Pin
- **HousIng Colour** B-Black
- **Terminal Plating** 02-Au 3μ" Gold all







MATING HEIGHT



G-Switch Specification:

1.Current rated: 0.3A AC/DC
2. Voltage rating: 30V AC/DC
3.Withstanding voltage: 250V AC for 1 min
4.Contact resistance: 70mΩ max.Signal pin
Contact resistance: 20mΩ Max. Power pin
5.Insulation resistance: 100MΩ min
6.Durability cycle: 30 Cycles
7.Removal force: 0.015kgf/Pin min
8.Operating temperature range: -40°C ~ +85°C

Ordering Information:

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	1.81	0.77	---	10	3.21	2.17	1.40
04	2.16	1.12	0.35	12	3.56	2.52	1.75
06	2.51	1.47	0.70	14	3.91	2.87	2.10
08	2.86	1.82	1.05	16	4.26	3.22	2.45

NO.	PART NAME	NUMBER	MATERIAL	REMARK
4	SOLDER TABS+HD	2PCS	PHOSPHOR BRONZE	Au2μ" ON SOLDERED AREA
3	POWER PIN	S1-S4	PHOSPHOR BRONZE	Au3μ" ON CONTACT AREA
2	SIGNAL PIN	PIN1 - PIN6	PHOSPHOR BRONZE	Au3μ" ON CONTACT AREA
1	HOUSING	1PCS	LCP,94V-0	BLACK

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

SCALE: 1:1	UNIT: mm	Title:	BTB 0.35mm Pitch 180° H0.40mm SMT Type Male Connector
SIZE: A4			
Unless otherwise General Tolerance:		Model Code:	GT-B0353MSV04-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