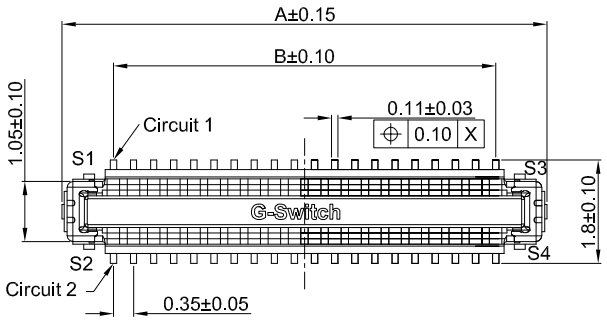
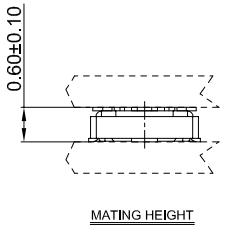
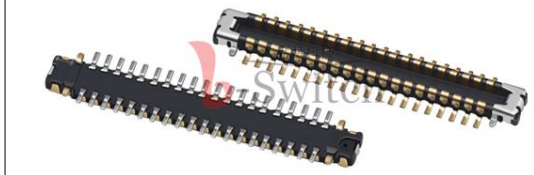


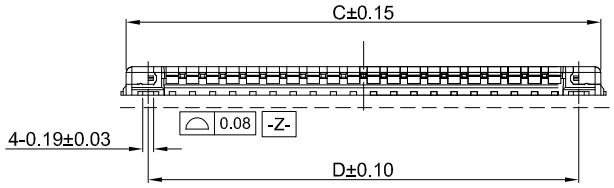


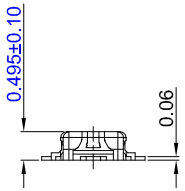
MATING HEIGHT

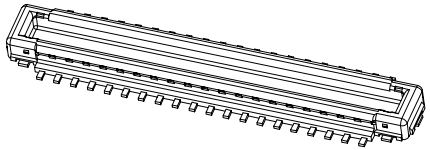
G-Switch Specification:

1.Current rated: 0.3A AC/DC (Signal Pin)
Current rated: 5A AC/DC (Power Pin)
2.Voltage rating: 50V AC/DC
3.Withstanding voltage: 100V AC for 1 min
4.Contact resistance: 90mΩ max. (Signal Pin)
Contact resistance: 30mΩ max. (Power Pin)
5.Insulation resistance: 50MΩ min
6.Durability cycle: 30 Cycles
7.Removal force: 0.612kgf min
8.Operating temperature range: -55°C ~ +85°C



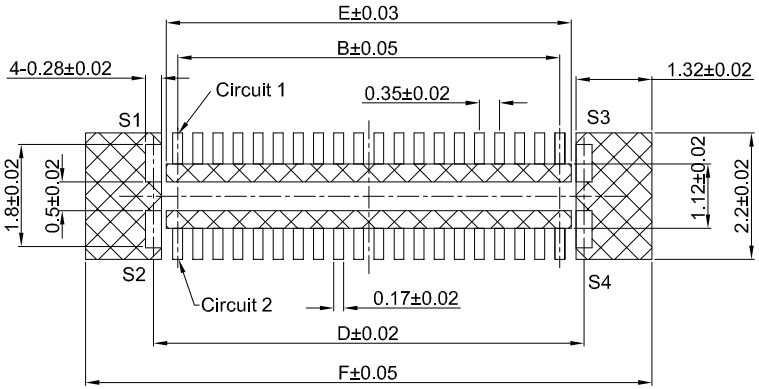






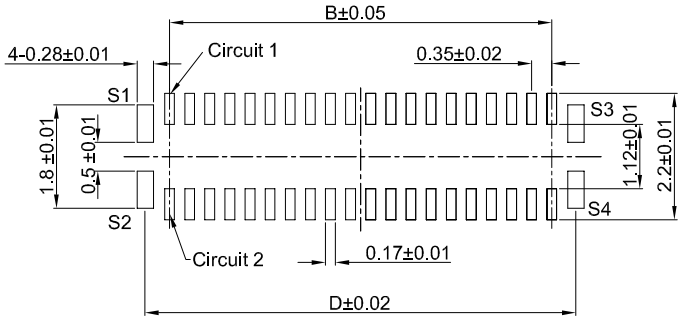
GT-B0351 M S V 05 -XX B 12 02

- **G-Switch**
- **Series No**
- **M-Male**
- **Termipoint** S-SMT
- **ANGLE** V-180°
- **Terminal Plating** 12-Au 4μ"
- **Housing Colour** B-Black
- **Pin Q' PY** 06-60Pin
- **Height** 05-0.495mm



PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

SOLDER AREA
NO EXPOSED METAL IN THIS AREA



RECOMMENDED METAL MASK DIMENSI NS
METAL MASK THICKNESS: 80um

Ordering Information:

Circuit	Dimensions(mm)					
	A	B	C	D	E	F
10	3.19	1.40	3.01	2.24	1.80	4.60
12	3.54	1.75	3.36	2.59	2.15	4.95
16	4.24	2.45	4.06	3.29	2.85	5.65
20	4.94	3.15	4.76	3.99	3.55	6.35
24	5.64	3.85	5.46	4.69	4.25	7.05
30	6.69	4.90	6.51	5.74	5.30	8.10
40	8.44	6.65	8.26	7.49	7.05	9.85
50	10.19	8.40	10.01	9.24	8.80	11.60
60	11.94	10.15	11.76	10.99	10.55	13.35

NO.	PART NAME	NUMBER	MATERIAL	REMARK
3	POWER PIN	S1-S4	HIGH CONDUCTIVITY COPPER(C7025)	Contact:Au 4μ"Min over Ni 50μ"Min Lead:Au flash 2μ"Min over Ni 50μ"Min
2	SIGNAL PIN	PIN1 - PIN XX	PHOSPHOR BRONZE	Contact:Au 4μ"Min over Ni 50μ"Min Lead:Au flash 2μ"Min over Ni 50μ"Min
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 0.35 Pitch 180° H0.495mm SMT Type Male Connector
SIZE: A4		Model Code:	GT-B0351MSV05-XXB1202

Unless otherwise General Tolerance:

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

DRAWN	CHECKED	APPROVED	DATE
Hu	Hu	Chen	2022.12.28

品赞科技 b-Switch www.dg-switch.com

REV: A0 SHEET: 1/1