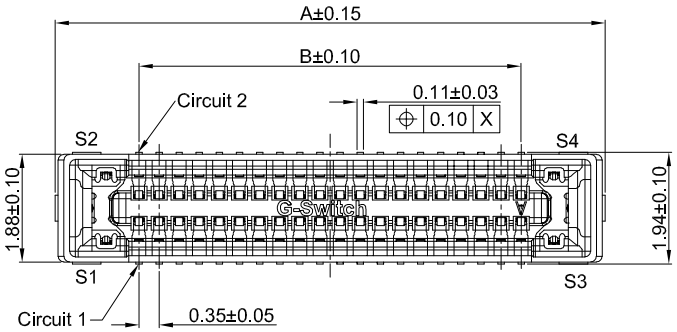
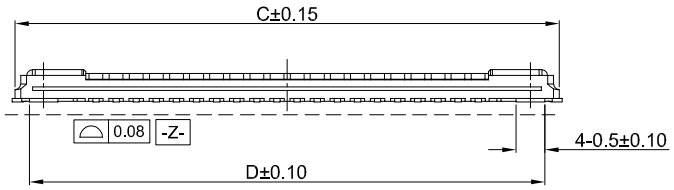
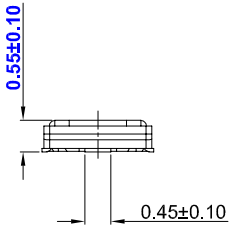
G-Switch Specification:

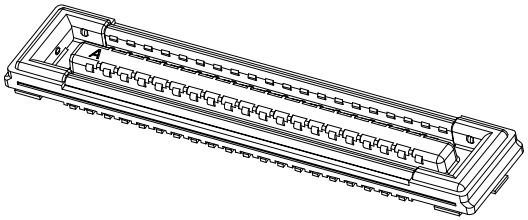
1.Current rated: 0.3A AC/DC (Signal Pin)
Current rated: 5A AC/DC (Power Pin)
2.Voltage rating: 50V AC/DC
3.Withstanding voltage: 100V AC for 1 min
4.Contact resistance: 90mΩ max. (Signal Pin)
Contact resistance: 30mΩ max. (Power Pin)
5.Insulation resistance: 50MΩ min
6.Durability cycle: 30 Cycles
7.Removal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

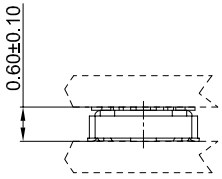












MATING HEIGHT

GT-B0351 F S V 06 -XX B 12 02

- **G-Switch**
- **Series No**
- **F-Female**
- **Termipoint** S-SMT
- **ANGLE** V-180°
- **Height** 06-0.55mm
- **Pin Q' PY** 10-60Pin
- **Housing Colour** B-Black
- **Terminal Plating** 12-Au 4μ"

Ordering Information:

Circuit	Dimensions(mm)				
	A	B	C	D	E
10	4.32	1.40	4.22	3.72	4.62
12	4.67	1.75	4.57	4.07	4.97
16	5.37	2.45	5.27	4.77	5.67
20	6.07	3.15	5.97	5.47	6.37
24	6.77	3.85	6.67	6.17	7.07
30	7.82	4.90	7.72	7.22	8.12
40	9.57	6.65	9.47	8.97	9.87
50	11.32	8.40	11.22	10.72	11.62
60	13.07	10.15	12.97	12.47	13.37

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 1μ"Min over Ni 50μ"Min
2	SIGNAL PIN	PIN1 - PIN XX	PHOSPHOR BRONZE	Contact:Au 4μ"Min over Ni 50μ"Min Lead:Au flash 1μ"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° H0.55mm SMT Type Female Connector
SIZE: A4		Model Code:	GT-B0351FSV06-XXB1202

Unless otherwise General Tolerance:

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

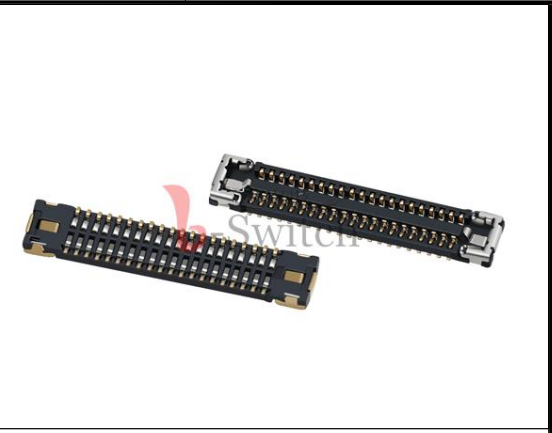
DRAWN	CHECKED	APPROVED	DATE
Hu	Hu	Chen	2022.12.28

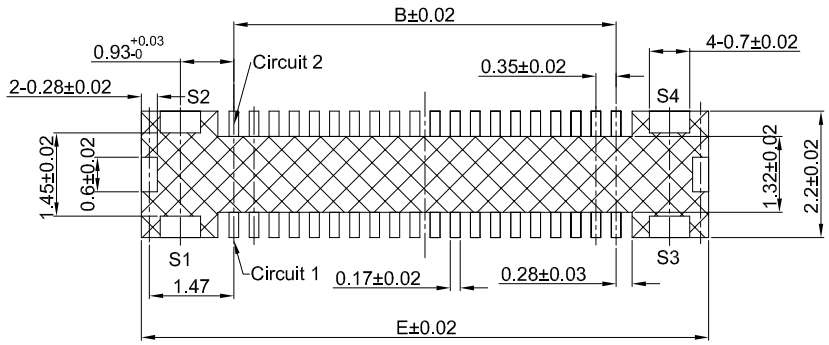
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REV: A0 SHEET: 1/2

G-Switch Specification:

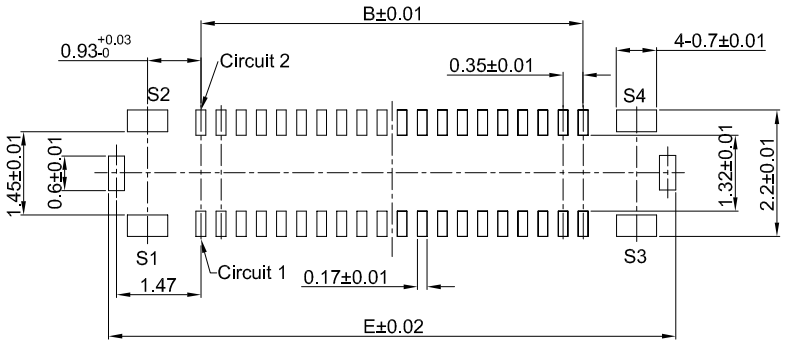
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5.Insulation resistance: 50MΩ min
6.Durability cycle: 30 Cycles
7.Removal force: 0.612kgf min
8.Operating temperature range: -55°C ~ +85°C





PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

SOLDER AREA
NO EXPOSED METAL IN THIS AREA



RECOMMENDED METAL MASK DIMENSI NS
METAL MASK THICKNESS: 80um

GT-B0351 F S V 06 -XX B 12 02

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- **Series No**
- **F-Female**
- **Termipoint** S-SMT
- **ANGLE** V-180°
- **Height** 06-0.55mm
- **Pin Q' PY** 10-60Pin
- **Housing Colour** B-Black
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DRAWN	CHECKED	APPROVED	DATE
Hu	Hu	Chen	2022.12.28

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REV: A0 SHEET: 2/2