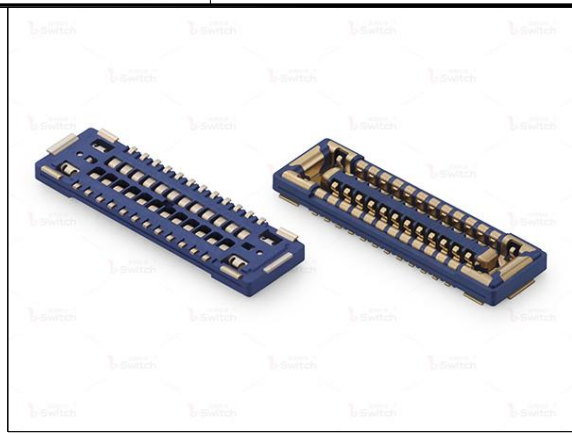
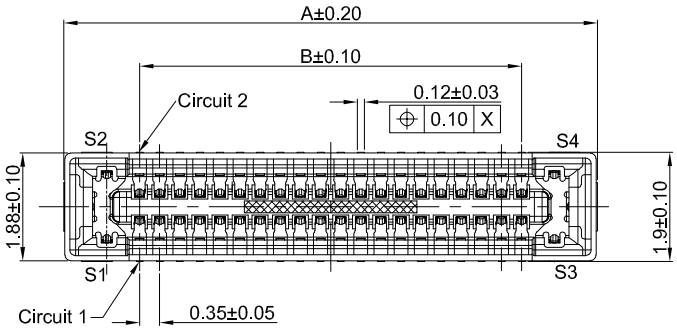
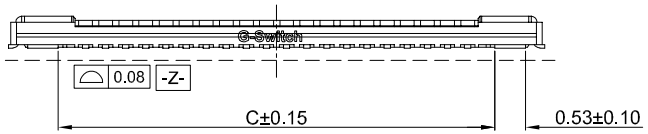
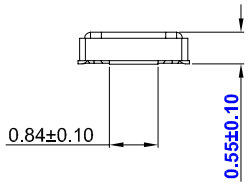
G-Switch Specification:

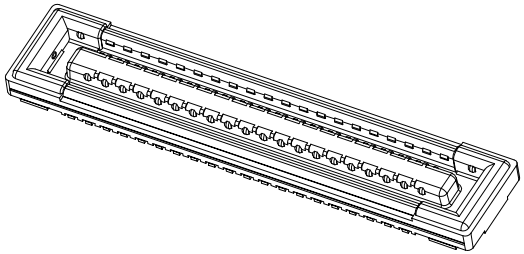
1.Current rated: 0.3A AC/DC (Signal Pin)
Current rated: 7A AC/DC (Power Pin)
2.Voltage rating: 30V AC/DC
3.Withstanding voltage: 100V AC for 1 min
4.Contact resistance: 90mΩ max. (Signal Pin)
Contact resistance: 30mΩ max. (Power Pin)
5.Insulation resistance: 50MΩ min
6.Durability cycle: 30 Cycles
7.Removal force: 0.306kgf min
8.Operating temperature range: -55°C ~ +85°C

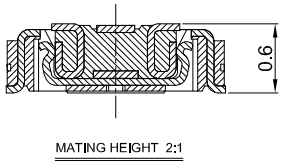












MATING HEIGHT 2:1

GT-B0354 F S V 06 -XX B 12 02

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

Ordering Information:

Circuit	Dimensions(mm)						
	A	B	C	D	E	F	G
06	3.30	0.70	1.62	3.545	1.07	1.42	2.25
10	4.00	1.40	2.32	4.245	1.77	2.12	2.95
12	4.35	1.75	2.67	4.595	2.12	2.47	3.30
16	5.05	2.45	3.37	5.295	2.82	3.17	4.00
20	5.75	3.15	4.07	5.995	3.52	3.87	4.70
24	6.45	3.85	4.77	6.695	4.22	4.57	5.40
30	7.50	4.90	5.82	7.745	5.27	5.62	6.45
32	7.85	5.25	6.17	8.095	5.62	5.97	6.80
34	8.20	5.60	6.52	8.445	5.97	6.32	7.15
40	9.25	6.65	7.57	9.495	7.02	7.37	8.20
48	10.65	8.05	8.97	10.895	8.42	8.77	9.60
50	11.00	8.40	9.32	11.245	8.77	9.12	9.95
60	12.75	10.15	11.07	12.995	10.52	10.87	11.70

NO.	PART NAME	NUMBER	MATERIAL	REMARK
3	POWER PIN	S1-S4	HIGH CONDUCTIVITY COPPER	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-B0354FSV06-XXB1202

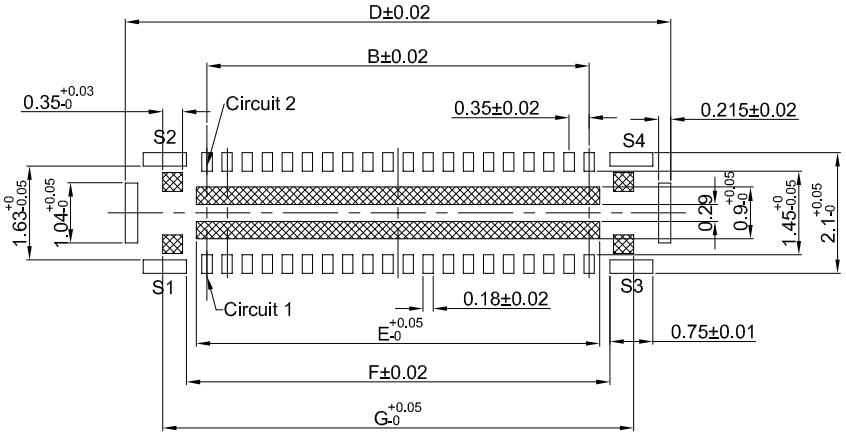
Unless otherwise General Tolerance:

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

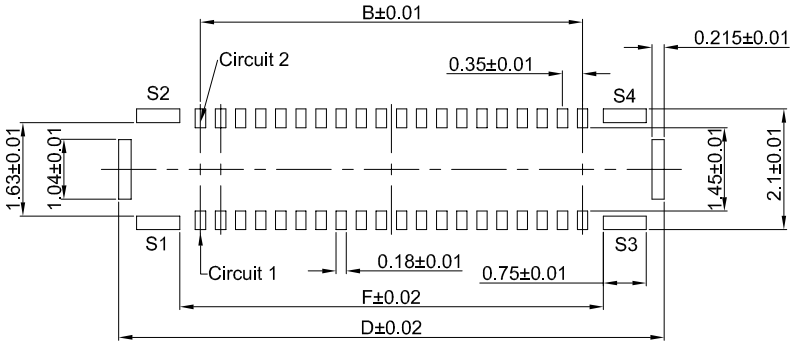
REV: A0 SHEET: 1/2



PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

SOLDER AREA

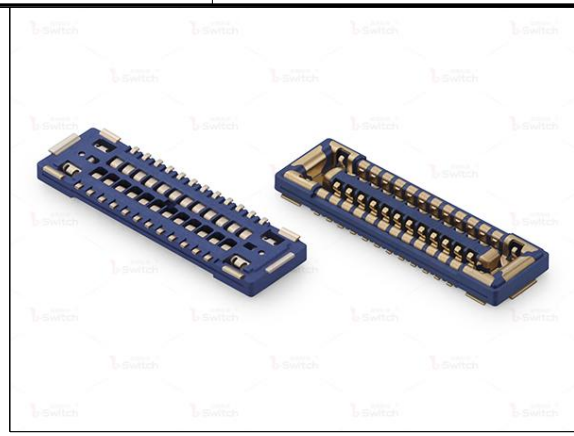
NO EXPOSED METAL IN THIS AREA



RECOMMENDED METAL MASK DIMENSI NS
METAL MASK THICKNESS: 80um

G-Switch Specification:

1.Current rated: 0.3A AC/DC (Signal Pin)
Current rated: 7A AC/DC (Power Pin)
2.Voltage rating: 30V 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: 0.306kgf min
8.Operating temperature range: -55°C ~ +85°C



GT-B0354 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** 06-60Pin
- **Housing Colour** B-Black
- **Terminal Plating** 12-Au 4μ"

Ordering Information:

Circuit	Dimensions(mm)						
	A	B	C	D	E	F	G
06	3.30	0.70	1.62	3.545	1.07	1.42	2.25
10	4.00	1.40	2.32	4.245	1.77	2.12	2.95
12	4.35	1.75	2.67	4.595	2.12	2.47	3.30
16	5.05	2.45	3.37	5.295	2.82	3.17	4.00
20	5.75	3.15	4.07	5.995	3.52	3.87	4.70
24	6.45	3.85	4.77	6.695	4.22	4.57	5.40
30	7.50	4.90	5.82	7.745	5.27	5.62	6.45
32	7.85	5.25	6.17	8.095	5.62	5.97	6.80
34	8.20	5.60	6.52	8.445	5.97	6.32	7.15
40	9.25	6.65	7.57	9.495	7.02	7.37	8.20
48	10.65	8.05	8.97	10.895	8.42	8.77	9.60
50	11.00	8.40	9.32	11.245	8.77	9.12	9.95
60	12.75	10.15	11.07	12.995	10.52	10.87	11.70

NO.	PART NAME	NUMBER	MATERIAL	REMARK
3	POWER PIN	S1-S4	HIGH CONDUCTIVITY COPPER	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-B0354FSV06-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: 2/2