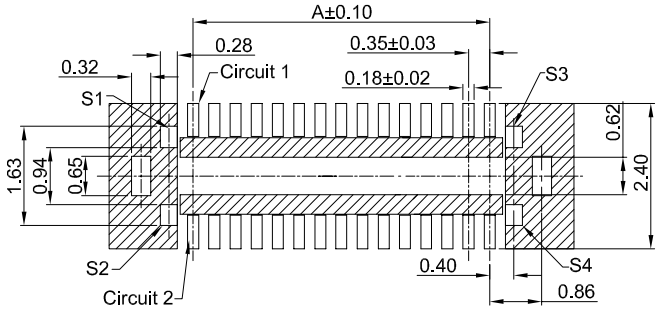
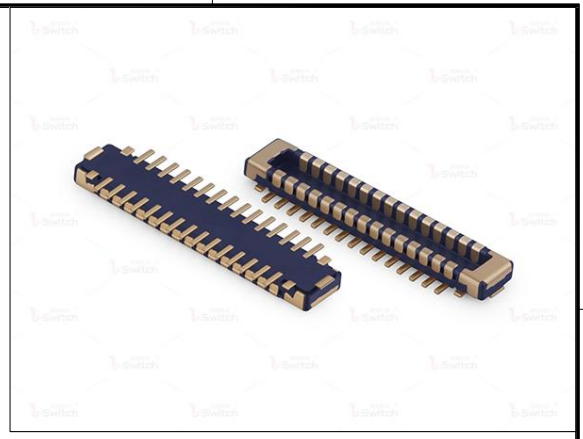




PCB REFERENCE DIAGRAM
TOLERANCE:±0.05



GT-B0355 M S V 06 -XX X XX 01

- **G-Switch**
- **Series No**
- **M-Male**
- **Termipoint**: S-SMT
- **ANGLE**: V-180°
- **Height**: 06-0.56mm
- **Pin Q' PY**: 10~80
- **Housing Colour**: B-Black
- **Terminal Plating**: 13-All Au 4μ"

G-Switch Specification:

1.Current rated: 0.3A AC/DC. Signal pin
Current rated: 5.0A AC/DC. Power pin
2. Voltage rating: 60V AC/DC
3.Withstanding voltage: 250V AC for 1 min
4.Contact resistance: 50mΩ max.Signal pin
5.Insulation resistance: 100MΩ min
6.Durability cycle: 30 Cycles
7.Removal force: 0.0165kgf/Pin min
8.Operating temperature range: -55°C ~ +105°C

Ordering Information:

Circuit	Dimensions(mm)				Circuit	Dimensions(mm)			
	A	B	C	D		A	B	C	D
10	1.40	3.32	3.36	2.20	40	6.65	8.57	8.61	7.45
16	2.45	4.37	4.41	3.25	50	8.40	10.32	10.36	9.20
20	3.15	5.07	5.11	3.95	60	10.15	12.07	12.11	10.95
24	3.85	5.77	5.81	4.65	78	13.30	15.22	15.26	14.10
30	4.90	6.82	6.86	5.70	80	13.65	15.57	15.61	14.45
34	5.60	7.52	7.56	6.40	---	---	---	---	---

NO.	PART NAME	NUMBER	MATERIAL	REMARK
4	SOLDER TABS+HD	2PCS	PHOSPHOR BRONZE	Contact:Au 4μ"Min over Ni 50μ"Min Lead:Au flash 2μ"Min over Ni 50μ"Min.
3	POWER PIN	S1-S4	PHOSPHOR BRONZE	Contact:Au 4μ"Min over Ni 50μ"Min Lead:Au flash 2μ"Min over Ni 50μ"Min.
2	SIGNAL PIN	PIN1 - PIN N	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
SIZE: A4

Unless otherwise General Tolerance:

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

Title: Board to Board 0.35 Pitch 180° H0.56mm Dual Rows SMT Type Mate Connector

Model Code: GT-B0355MSV06-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