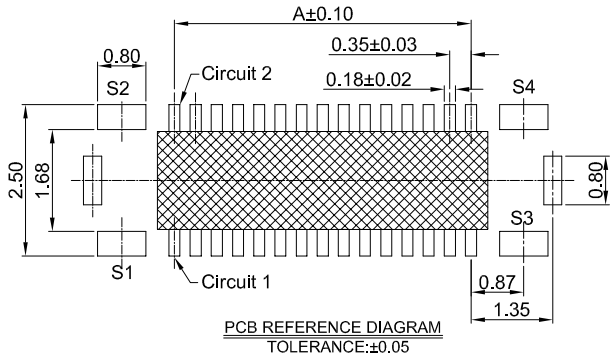
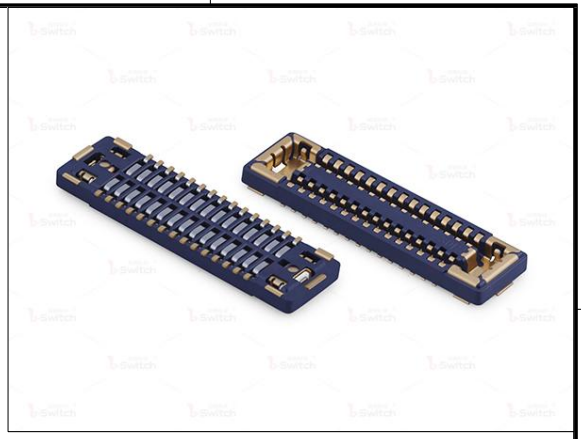




PCB REFERENCE DIAGRAM
TOLERANCE:±0.05



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

- **G-Switch**
- **Series No**
- **F-Female**
- **Termipoint**: S-SMT
- **ANGLE**: V-180°
- **Height**: 06-0.63mm
- **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	4.25	4.29	3.15	40	6.65	9.50	9.54	8.40
16	2.45	5.30	5.34	4.20	50	8.40	11.25	11.29	10.15
20	3.15	6.00	6.04	4.90	60	10.15	13.00	13.04	11.90
24	3.85	6.70	6.74	5.60	78	13.30	16.15	16.19	15.05
30	4.90	7.75	7.79	6.65	80	13.65	16.50	16.54	15.40
34	5.60	8.45	8.49	7.35	---	---	---	---	---

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° H0.63mm Dual Rows SMT Type Mate Connector

Model Code: GT-B0355FSV06-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