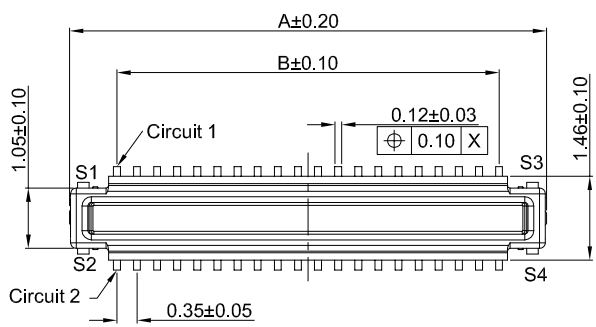
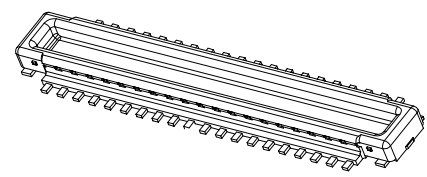
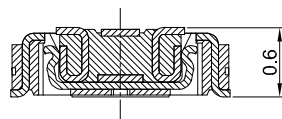


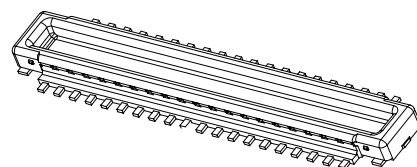
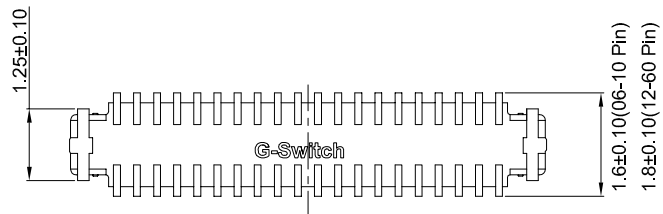
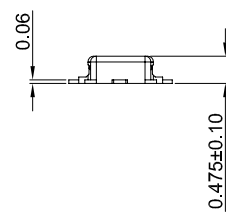
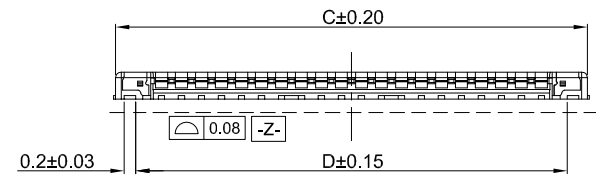


- G-Switch Specification:**
- 1.Current rated: 0.3A AC/DC (Signal Pin)
Current rated: 7A AC/DC (Power Pin)
 - 2.Voltage rating: 30V AC/DC
 - 3.Withstanding voltage: 100V AC for 1 min
 - 4.Contact resistance: 90mΩ max. (Signal Pin)
Contact resistance: 30mΩ max. (Power Pin)
 - 5.Insulation resistance: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



GT-B0354 M S V 05 -XX B 12 02

G-Switch
Series No
M-Male
Termipoint
S-SMT
ANGLE
V-180°
Terminal Plating
12-Au 4u"
Housing Colour
B-Black
Pin Q' PY
06-60Pin
Height
05-0.475mm



Ordering Information:

Circuit	Dimensions(mm)									
	A	B	C	D	E	F	G	H	J	K
06	2.35	0.70	2.31	1.665	1.56	2.12	1.06	2.16	1.16	2.26
10	3.05	1.40	3.01	2.365	2.26	2.82	1.06	2.16	1.16	2.26
12	3.40	1.75	3.36	2.715	2.61	3.17	1.26	2.46	1.46	2.66
16	4.10	2.45	4.06	3.415	3.31	3.87	1.26	2.46	1.46	2.66
24	5.50	3.85	5.46	4.815	4.71	5.27	1.26	2.46	1.46	2.66
30	6.55	4.90	6.51	5.865	5.76	6.32	1.26	2.46	1.46	2.66
32	6.90	5.25	6.86	6.215	6.11	6.67	1.26	2.46	1.46	2.66
34	7.25	5.60	7.21	6.565	6.46	7.02	1.26	2.46	1.46	2.66
40	8.30	6.65	8.26	7.615	7.51	8.07	1.26	2.46	1.46	2.66
48	9.70	8.05	9.66	9.015	8.91	9.47	1.26	2.46	1.46	2.66
50	10.05	8.40	10.01	9.365	9.26	9.82	1.26	2.46	1.46	2.66
60	11.80	10.15	11.76	11.115	11.01	11.57	1.26	2.46	1.46	2.66

3	POWER PIN	S1-S4	HIGH CONDUCTIVITY COPPER	Contact: Au 4u"Min over Ni 50u"Min Lead: Au flash 1u"Min over Ni 50u"Min
2	SIGNAL PIN	PIN1 - PIN XX	PHOSPHOR BRONZ	Contact: Au 4u"Min over Ni 50u"Min Lead: Au flash 1u"Min over Ni 50u"Min
1	HOUSING	1PCS	LCP,94V-0	BLACK
NO.	PART NAME	NUMBER	MATERIAL	REMARK



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°

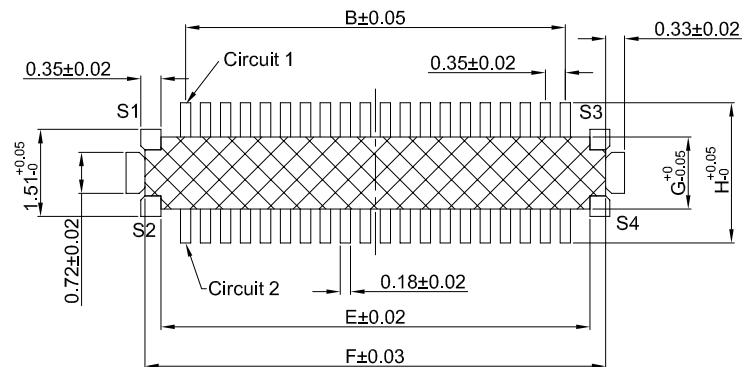
Title: BTB 0.35 Pitch 180° H0.475mm SMT Type Male Connector

Molde Code: GT-B0354MSV05-XXB1202

DRAWN	CHECKED	APPROVED	DATE
Hu	Hu	Chen	2022.12.28



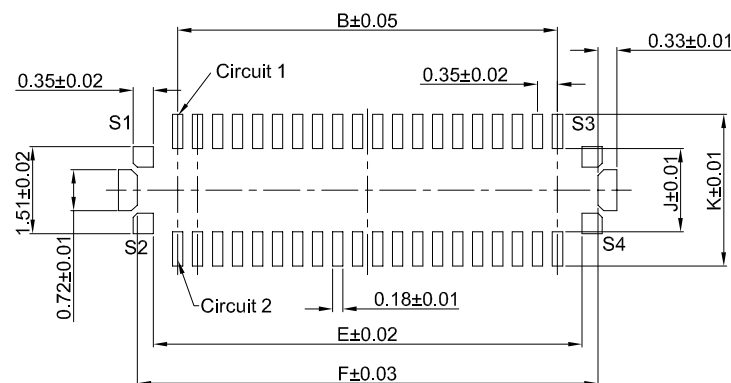
REV: A0 SHEET: 1/2



PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

 SOLDER AREA

 NO EXPOSED METAL IN THIS AREA



RECOMMENDED METAL MASK DIMENSIONS
METAL MASK THICKNESS: 80um

3	POWER PIN	S1-S4	HIGH CONDUCTIVITY COPPER	Contact: Au 4u"Min over Ni 50u"Min Lead: Au flash 1u"Min over Ni 50u"Min
2	SIGNAL PIN	PIN1 - PIN XX	PHOSPHOR BRONZ	Contact: Au 4u"Min over Ni 50u"Min Lead: Au flash 1u"Min over Ni 50u"Min
1	HOUSING	1PCS	LCP,94V-0	BLACK
NO.	PART NAME	NUMBER	MATERIAL	REMARK

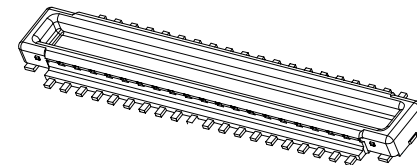


RoHS
Compliant
EU RoHS Standard



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 max
- 6.Durability cycle: 30 Cycles
- 7.Removal force: 0.306kgf min
- 8.Operating temperature range: -55°C ~ +85°C



GT-B0354 M S V 05 -XX B 12 01

G-Switch

Series No-

M-Male

Termipoint
S-SMT

ANGLE
V-180°

Terminal Plating
12-Au 4u"

— **Housing Colour**
B-Black

— Pin Q' PY
06-60Pin

— **Height**
05-0.475mm

Ordering Information:

Circuit	Dimensions(mm)									
	A	B	C	D	E	F	G	H	J	K
06	2.35	0.70	2.31	1.665	1.56	2.12	1.06	2.16	1.16	2.26
10	3.05	1.40	3.01	2.365	2.26	2.82	1.06	2.16	1.16	2.26
12	3.40	1.75	3.36	2.715	2.61	3.17	1.26	2.46	1.46	2.66
16	4.10	2.45	4.06	3.415	3.31	3.87	1.26	2.46	1.46	2.66
24	5.50	3.85	5.46	4.815	4.71	5.27	1.26	2.46	1.46	2.66
30	6.55	4.90	6.51	5.865	5.76	6.32	1.26	2.46	1.46	2.66
32	6.90	5.25	6.86	6.215	6.11	6.67	1.26	2.46	1.46	2.66
34	7.25	5.60	7.21	6.565	6.46	7.02	1.26	2.46	1.46	2.66
40	8.30	6.65	8.26	7.615	7.51	8.07	1.26	2.46	1.46	2.66
48	9.70	8.05	9.66	9.015	8.91	9.47	1.26	2.46	1.46	2.66
50	10.05	8.40	10.01	9.365	9.26	9.82	1.26	2.46	1.46	2.66
60	11.80	10.15	11.76	11.115	11.01	11.57	1.26	2.46	1.46	2.66

SCALE: 1:1	UNIT: mm
------------	----------

SIZE:	A4		
-------	----	---	---

Unless otherwise
General Tolerance:

X	± 0.40
X.x	± 0.30
X.xx	± 0.20
X°	$\pm 5^\circ$
X.x°	$\pm 3^\circ$

Title: BTB 0.35 Pitch 180° H0.475mm SMT
Type Male Connector

Molde Code: GT-B0354MSV05-XXB1202

DRAWN	CHECKED	APPROVED	DATE
Hu	Hu	Chen	2022.12.28

 品贊科技
www.dg-switch.com

REV: A0	SHEET: 2/2
---------	------------