

A

B

C

D

E

1

1

2

2

3

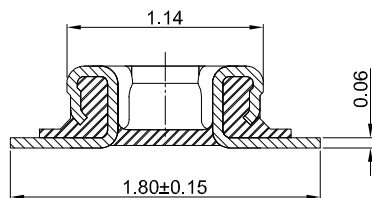
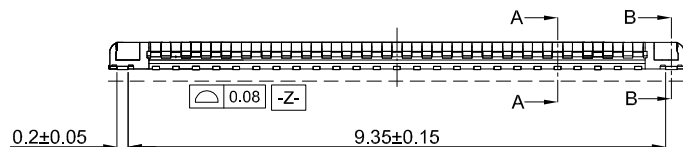
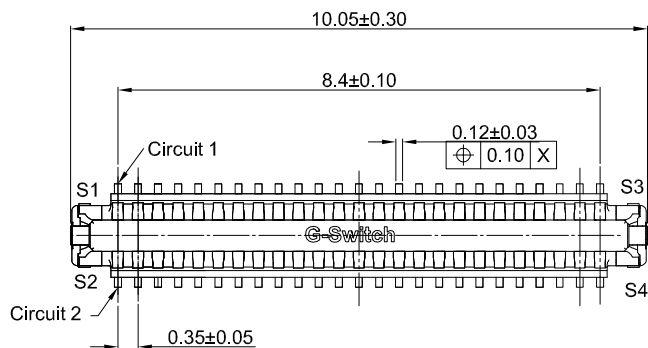
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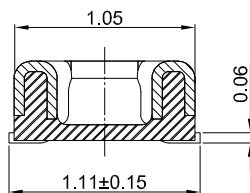
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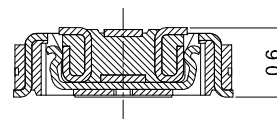
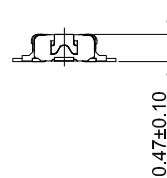
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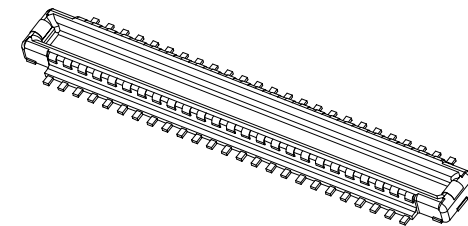
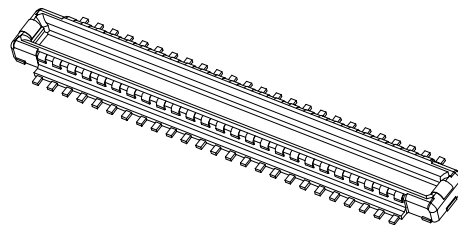
SECTION:A-A 30:1



SECTION:B-B 30:1



MATING HEIGHT 2:1



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

G-Switch

Series No

M-Male

Termipoint
S-SMTANGLE
V-180°Terminal Plating
12-Au 2u" AllHousing Colour
B-BlackPin Q' PY
50PinHeight
05-0.47mm**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: 150V AC for 1 min
- 4.Contact resistance: 50mΩ max.
- 5.Insulation resistance: 50MΩ min
- 6.Durability cycle: 30 Cycles
- 7.Removal force: 0.015kgf/Pin min
- 8.Operating temperature range: -55°C ~ +85°C

POWER PIN	S1-S4	Copper Alloy	Au 2u" All
SIGNAL PIN	PIN1 - PIN50	Copper Alloy	Au 2u" All
HOUSING	1PCS	LCP,94V-0	BLACK
PART NAME	NUMBER	MATERIAL	REMARK

SCALE: 1:1 UNIT: mm
SIZE: A4Unless otherwise
General Tolerance:X ±0.30
X.x ±0.20
X.xx ±0.15
X.xxx ±0.10
X° ±4°Title: BTB 0.35 Pitch 180° H0.47mm 50Pin
SMT Type Male Connector

Molde Code: GT-B0354MSV05-50B1201

DRAWN	CHECKED	APPROVED	DATE
Hu	Chen	Chen	2022.12.28

品赞科技®
b-Switch
www.dg-switch.com

REV: A0

SHEET: 1/2

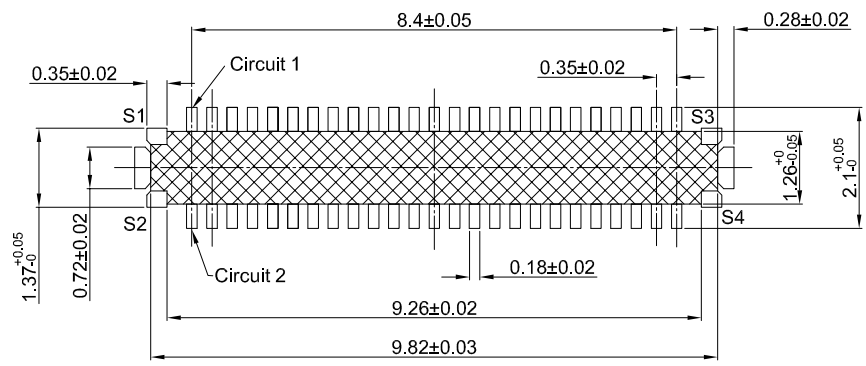
A

B

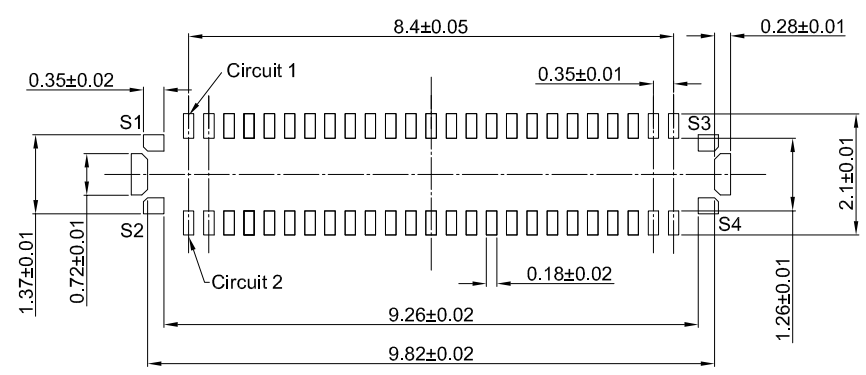
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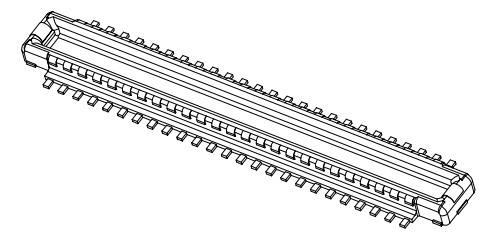
E



RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05
SOLDER AREA
NO EXPOSED METAL IN THIS AREA



RECOMMENDED METAL MASK DIMENSIONS
METAL MASK THICKNESS: 80um



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 2u" All
Housing Colour
B-Black
Pin Q' PY
50Pin
Height
05-0.47mm

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Current rated: 5A AC/DC (Power Pin)
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SIGNAL PIN	PIN1 - PIN50	Copper Alloy	Au 2u" All
HOUSING	1PCS	LCP,94V-0	BLACK
PART NAME	NUMBER	MATERIAL	REMARK



SCALE: 1:1	UNIT: mm	Title: BTB 0.35 Pitch 180° H0.47mm 50Pin SMT Type Male Connector			
SIZE: A4		Molde Code: GT-B0354MSV05-50B1201			
Unless otherwise General Tolerance: X ±0.30 X.x ±0.20 X.xx ±0.15 X.xxx ±0.10 X° ±4°		DRAWN	CHECKED	APPROVED	DATE
		Hu	Chen	Chen	2022.12.28



REV: A0	SHEET: 2/2
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