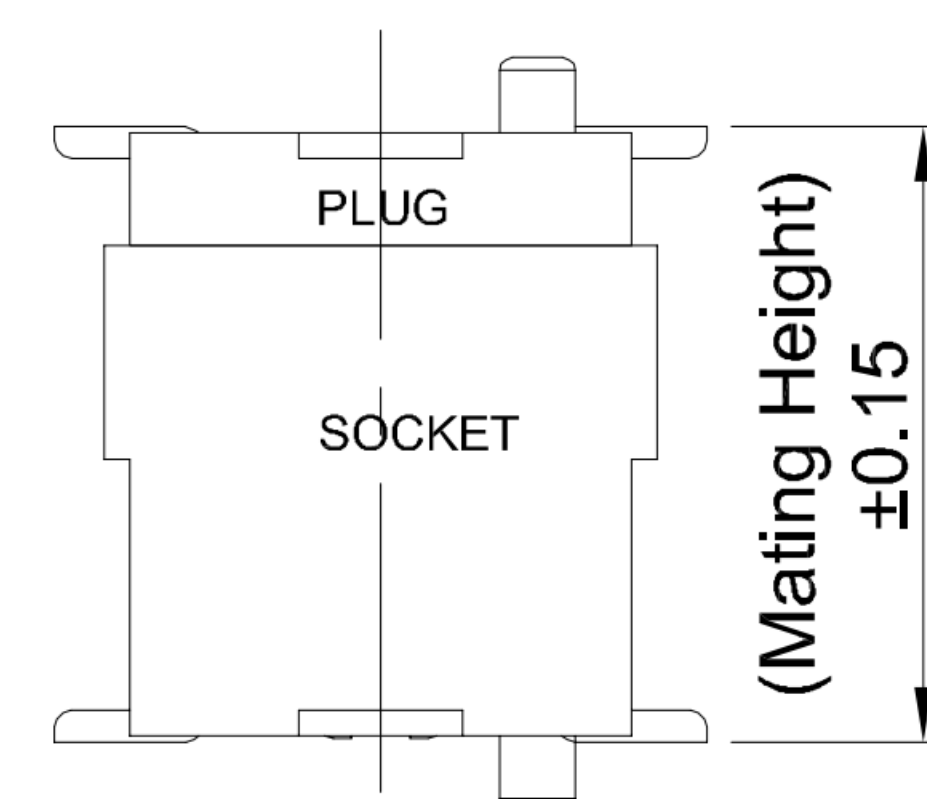
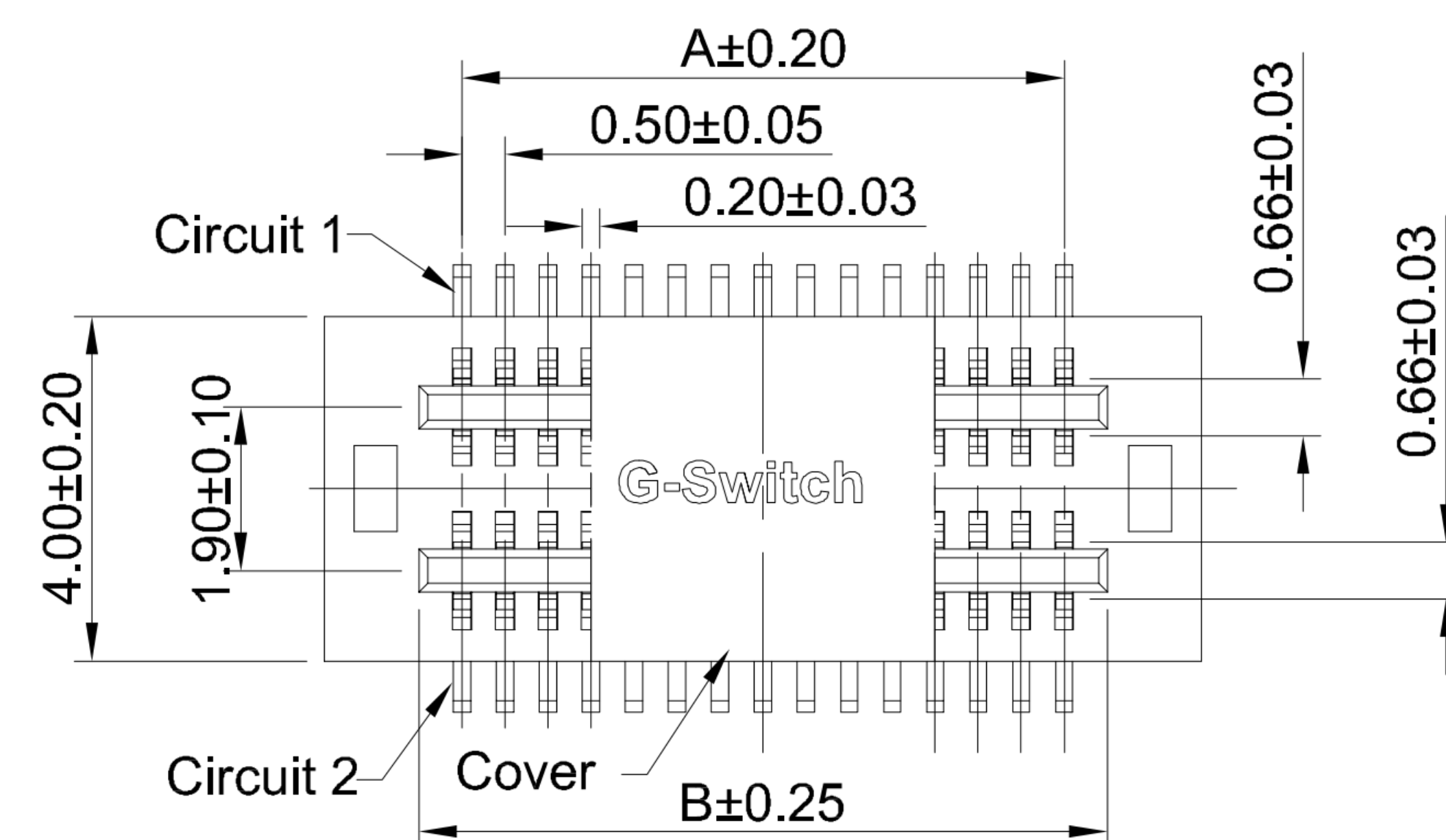




MATING HEIGHT	PLUG (H.mm)	SOCKET (H.mm)
3.0	0.8	2.2
3.5	1.3	2.2
4.0	1.0	3.0
4.5	1.0	3.5
5.0	1.0	4.0
5.5	1.0	4.5
6.0	2.0	4.0
6.5	2.0	4.5



GT-B0501 M S V XX-XX X XX 01

G-Switch

Series No

M-Male

Termipoint
S-SMT

Angle
V-180°

Terminal Plating

Housing Colour
B-Black

—Pin Q' PY
08~100

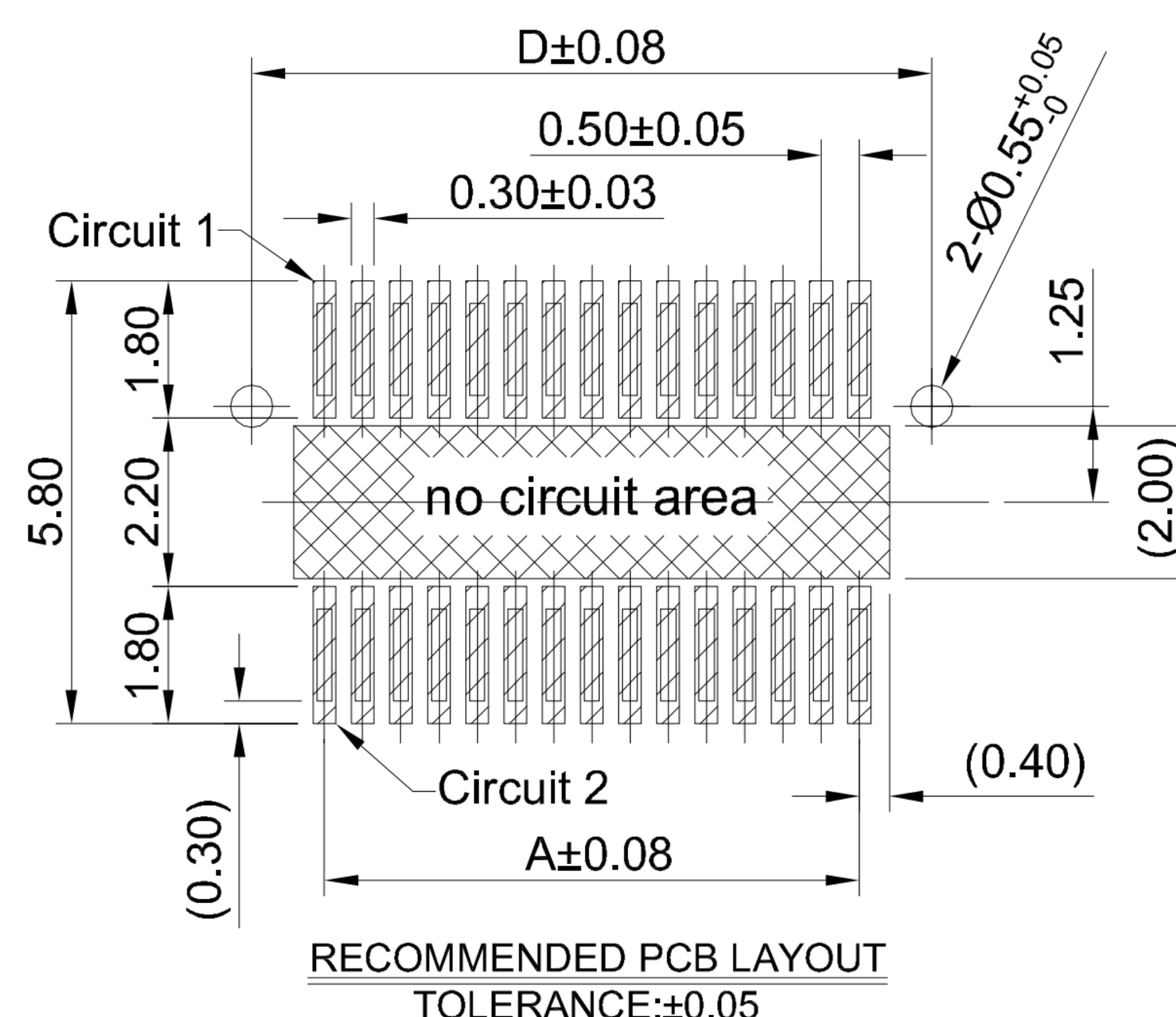
Height
08-0.80mm, F=1.60
10-1.00mm, F=1.90
13-1.30mm, F=1.60
20-2.00mm, F=1.90

G-Switch Specification:

- 1.Current rated: 0.5A AC/DC
- 2.Voltage rating: 50V AC/DC
- 3.Withstanding voltage: 500V AC
- 4.Contact resistance: 40mΩ Max.
- 5.Insulation resistance: 800MΩ min
- 6.Durability cycle: 30 Cycles
- 7.Removal force: 0.03kgf/Pin min
- 8.Operating temperature range: -45°C ~ +105°C

3	CONTACT	PHOSPHOR BRONZE	ALL G/F
2	COVER	PA9T,94V-0	BLACK
1	HOUSING	PA9T,94V-0	BLACK
NO.	PART NAME	MATERIAL	REMARK

Circuit	Dimensions(mm)					Circuit	Dimensions(mm)				
	A	B	C	D	E		A	B	C	D	E
08	1.50	2.50	4.70	3.40	4.00	40	9.50	10.50	12.70	11.40	8.00
10	2.00	3.00	5.20	3.90		42	10.00	11.00	13.20	11.90	
12	2.50	3.50	5.70	4.40		44	10.50	11.50	13.70	12.40	
14	3.00	4.00	6.20	4.90		46	11.00	12.00	14.20	12.90	
16	3.50	4.50	6.70	5.40		50	12.00	13.00	15.20	13.90	
18	4.00	5.00	7.20	5.90		52	12.50	13.50	15.70	14.40	
20	4.50	5.50	7.70	6.40		54	13.00	14.00	16.20	14.90	
22	5.00	6.00	8.20	6.90		56	13.50	14.50	16.70	15.40	
24	5.50	6.50	8.70	7.40		60	14.50	15.50	17.70	16.40	
26	6.00	7.00	9.20	7.90		66	17.00	16.00	19.20	17.90	
28	6.50	7.50	9.70	8.40		70	18.00	17.00	20.20	18.90	
30	7.00	8.00	10.20	8.90		80	20.50	19.50	22.70	21.40	
32	7.50	8.50	10.70	9.40		90	23.00	22.00	25.20	23.90	
34	8.00	9.00	11.20	9.90		100	25.50	24.50	27.70	26.40	
36	8.50	9.50	11.70	10.40	8.00	---	---	---	---	---	



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 0.50 Pitch 180° Dual Rows SMT
Type Mate Connector

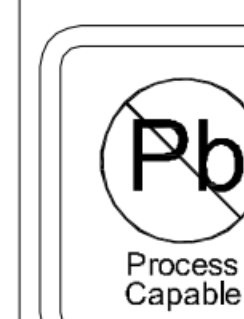
Molde Code: GT-B0501MSVXX-XXXXX01

DRAWN	CHECKED	APPROVED	DATE
Hu	Chen	Chen	2022.12.2



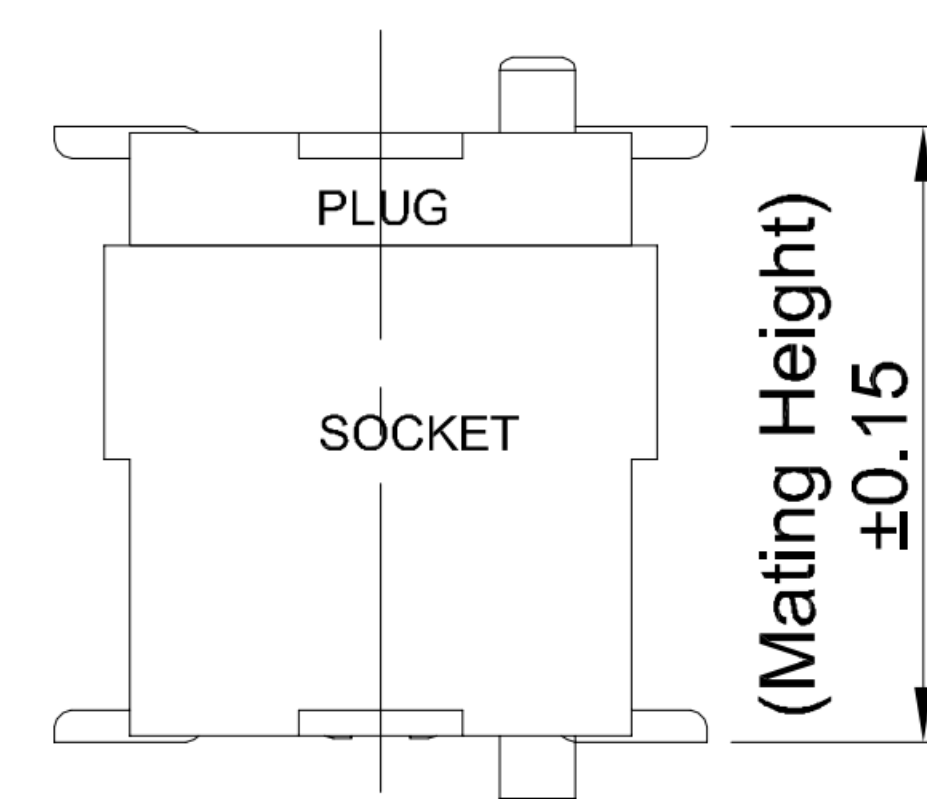
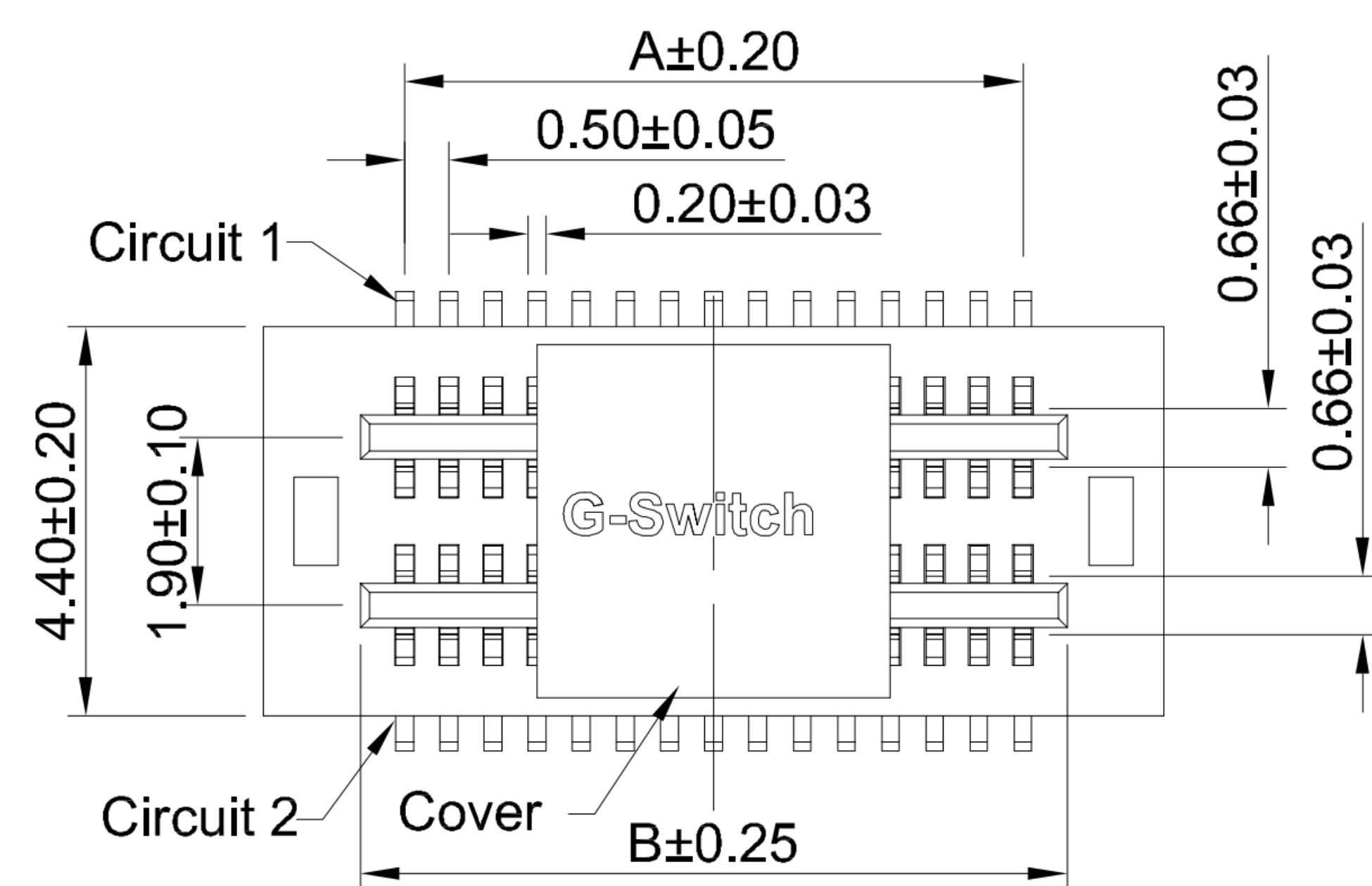
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www.dq-switch.com

REV: A0 SHEET: 1/2



RoHS
Compliant
EU RoHS Standard





MATING HEIGHT	PLUG (H.mm)	SOCKET (H.mm)
7.0	4.0	3.0
7.5	4.0	3.5
8.0	4.0	4.0
8.5	4.0	4.5



GT-B0501 M S V XX-XX X XX 01

G-Switch

Series No

M-Male

Termipoint
S-SMT

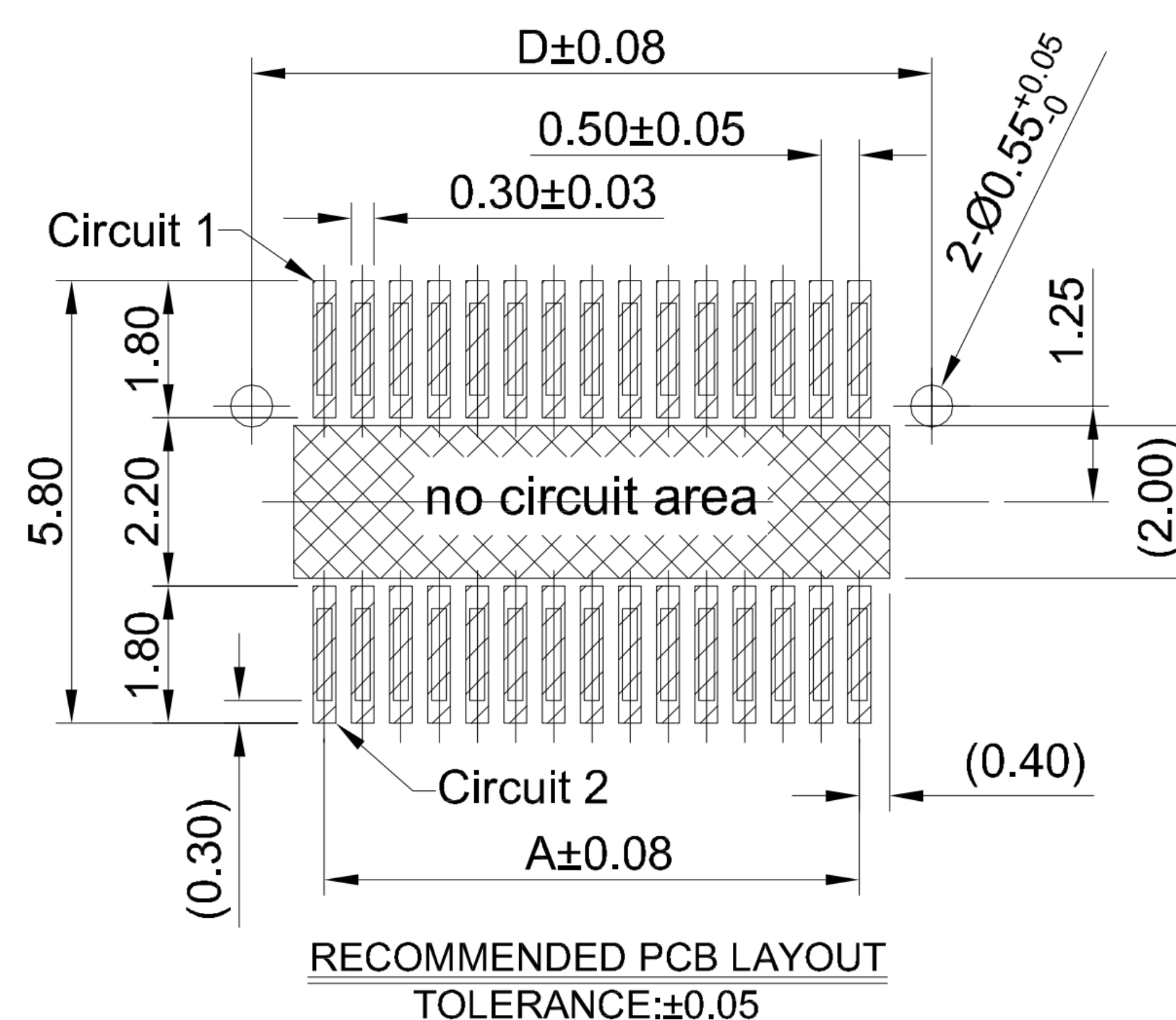
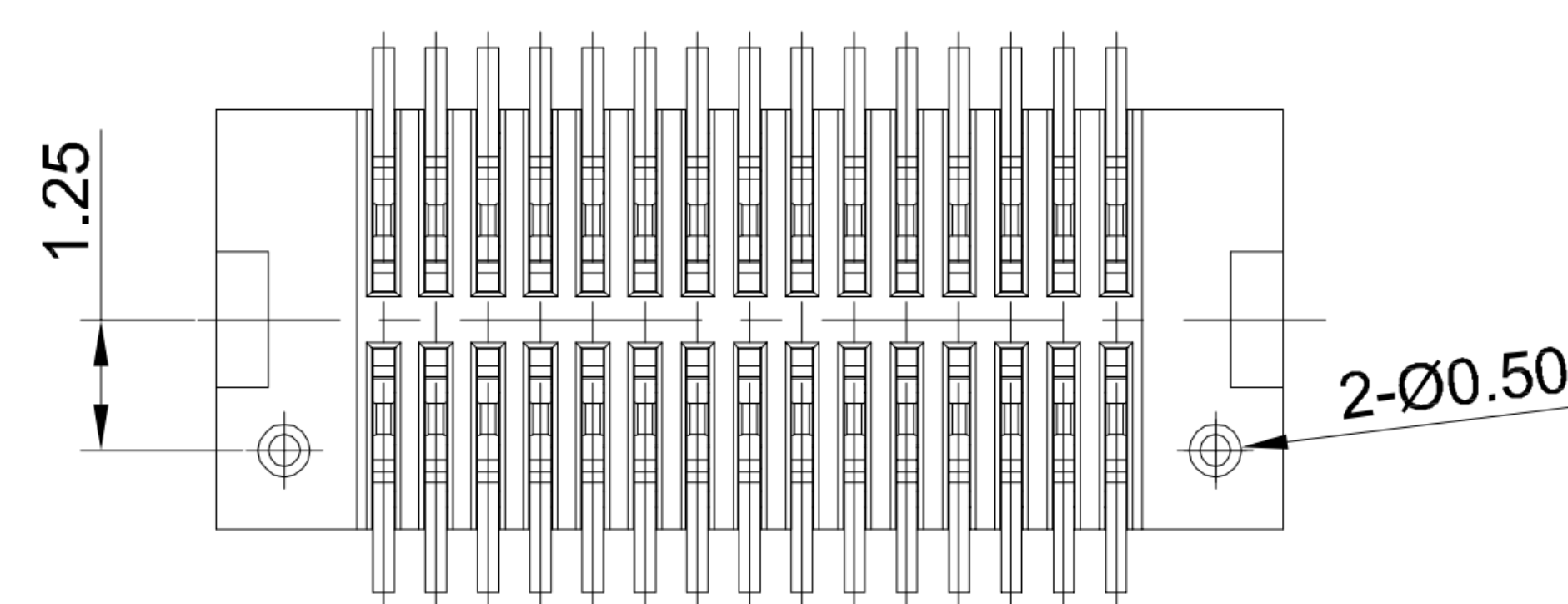
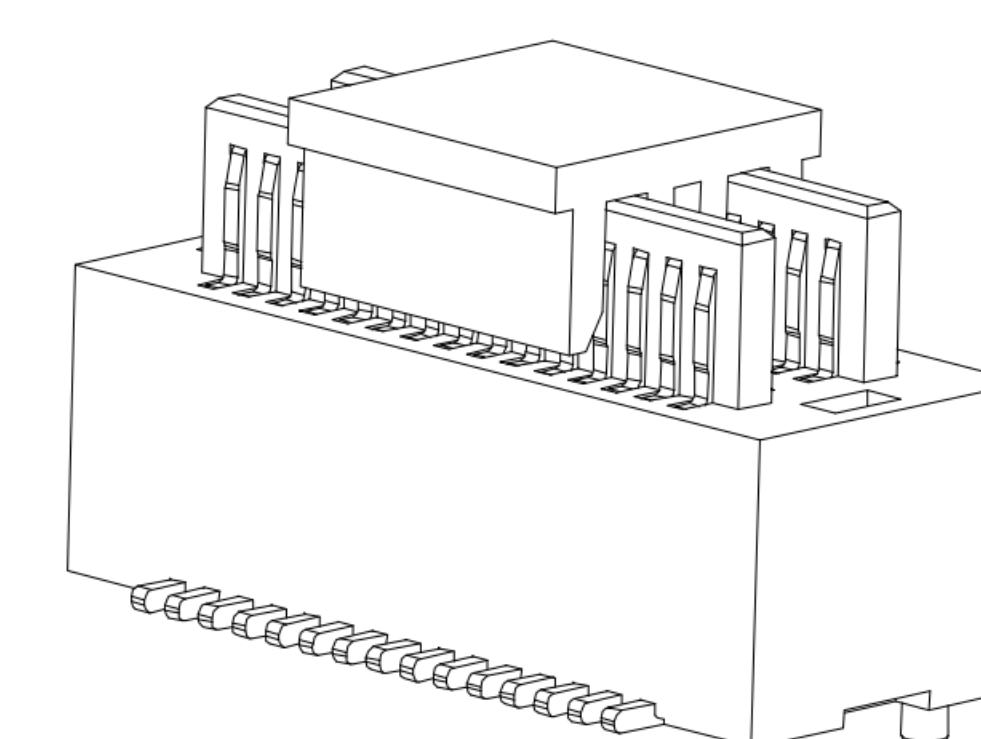
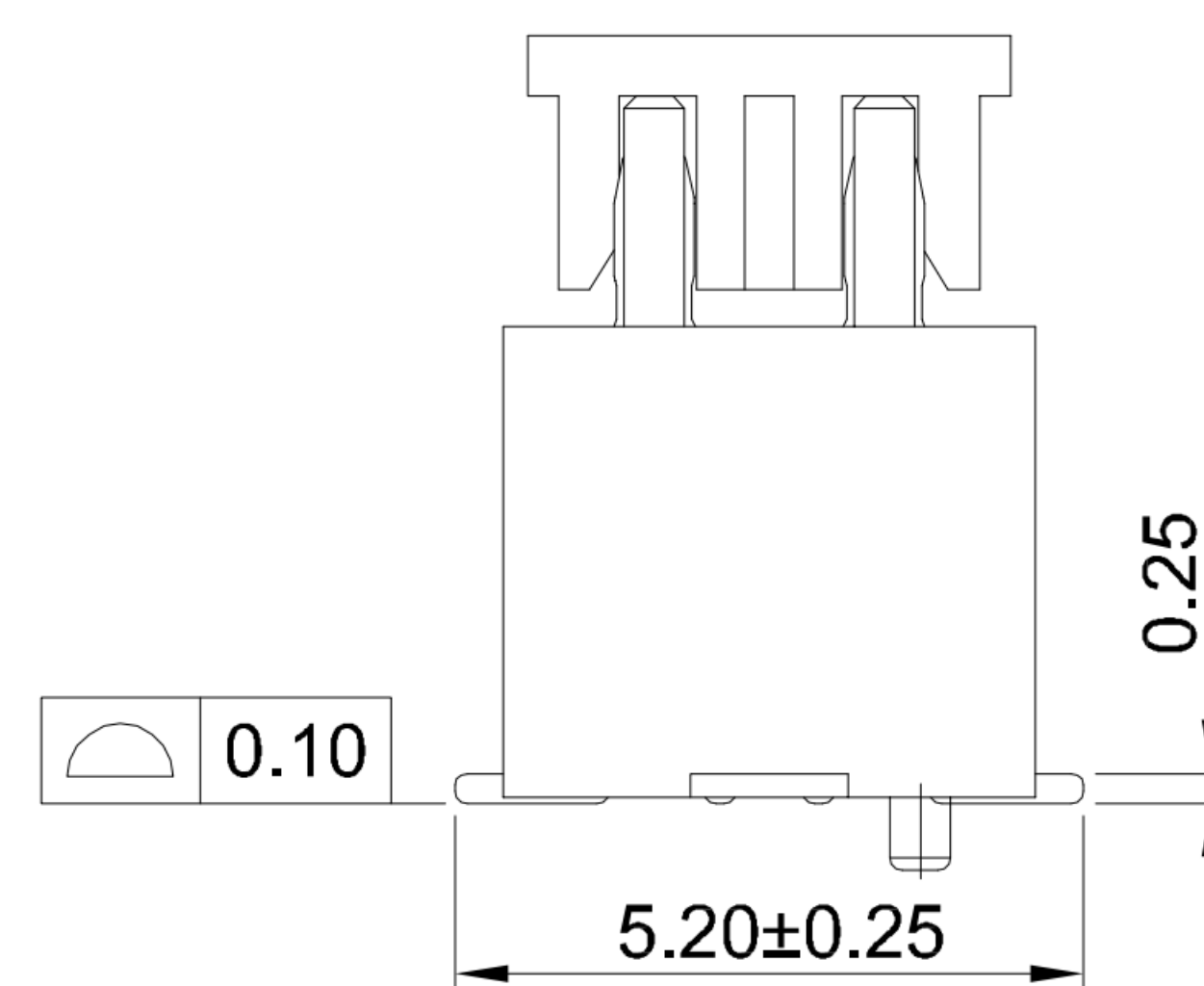
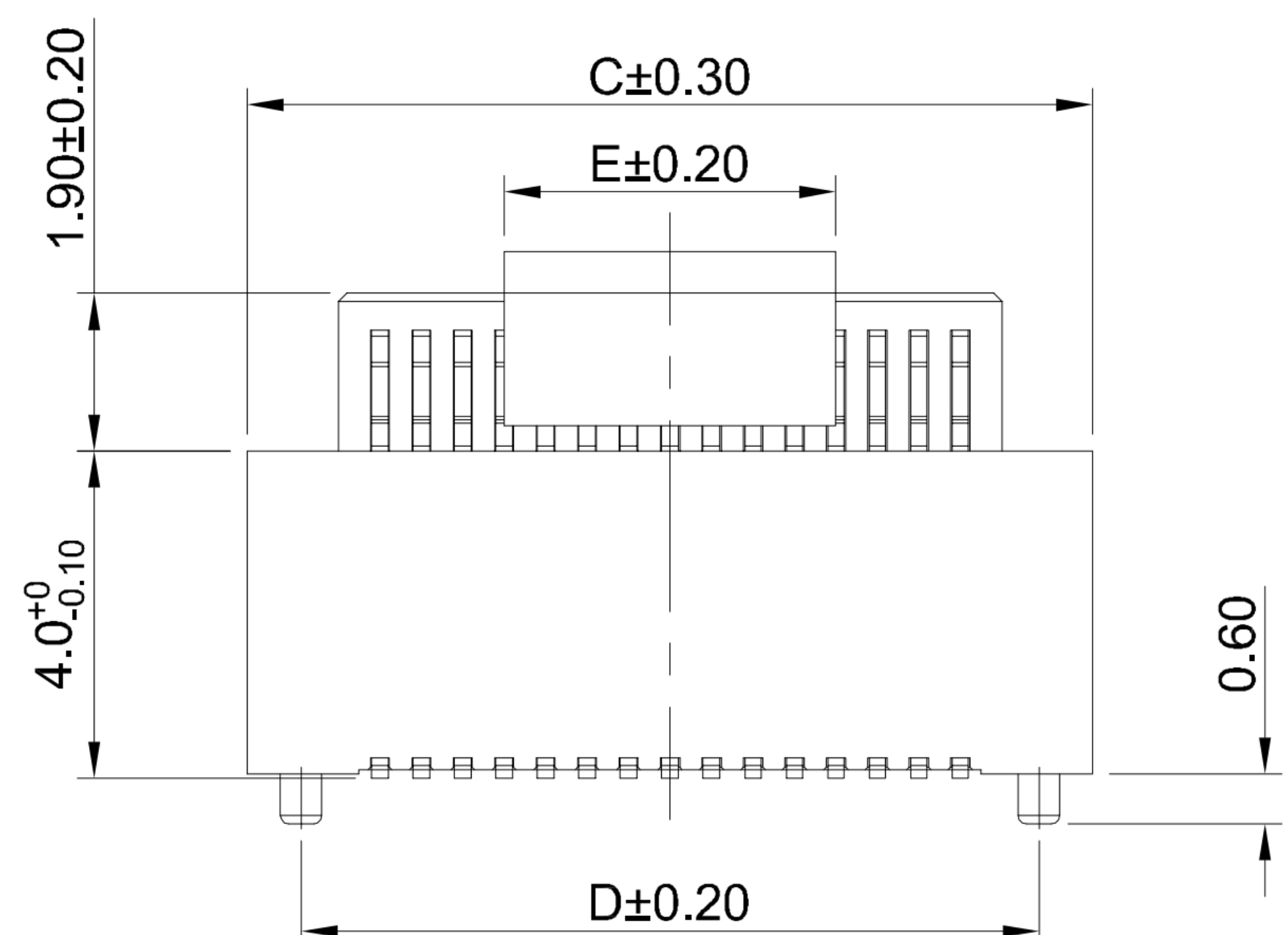
Angle
V-180°

Terminal Plating

Housing Colour
B-Black

—Pin Q' PY
08~100

— **Height**
40-4.00mm



Ordering Information:

Circuit	Dimensions(mm)					Circuit	Dimensions(mm)				
	A	B	C	D	E		A	B	C	D	E
08	1.50	2.50	4.70	3.40	4.00	40	9.50	10.50	12.70	11.40	8.00
10	2.00	3.00	5.20	3.90		42	10.00	11.00	13.20	11.90	
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28	6.50	7.50	9.70	8.40		70	18.00	17.00	20.20	18.90	
30	7.00	8.00	10.20	8.90		80	20.50	19.50	22.70	21.40	
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2	COVER	PA9T,94V-0	BLACK
1	HOUSING	PA9T,94V-0	BLACK
NO.	PART NAME	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 0.50 Pitch 180° Dual Rows SMT
Type Mate Connector

Molde Code: GT-B0501MSV40-XXXXX01

DRAWN	CHECKED	APPROVED	DATE
Hu	Chen	Chen	2022.12.28

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b-Switch
www.dg-switch.com

REV: A0 SHEET: 2/2