

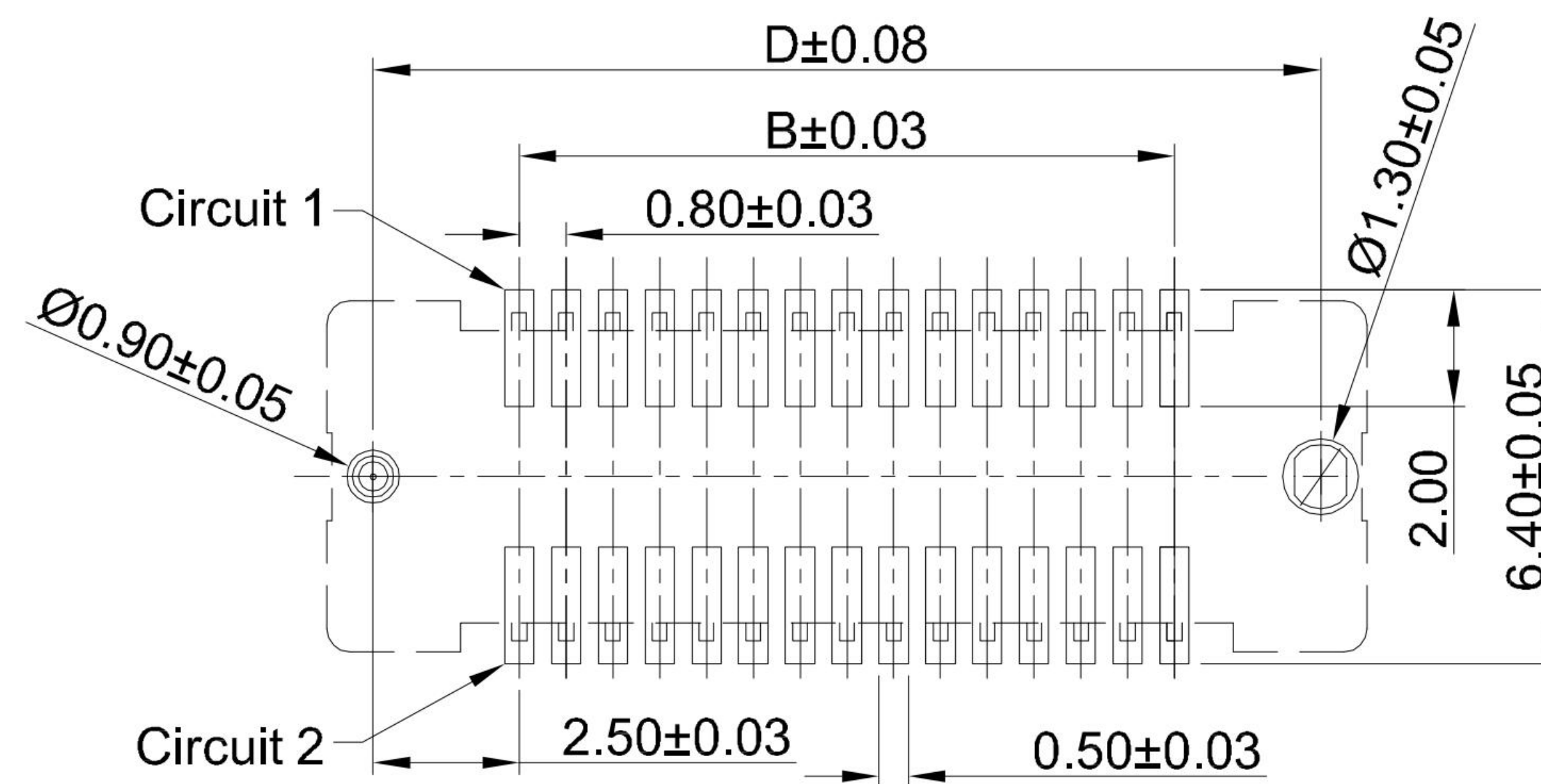
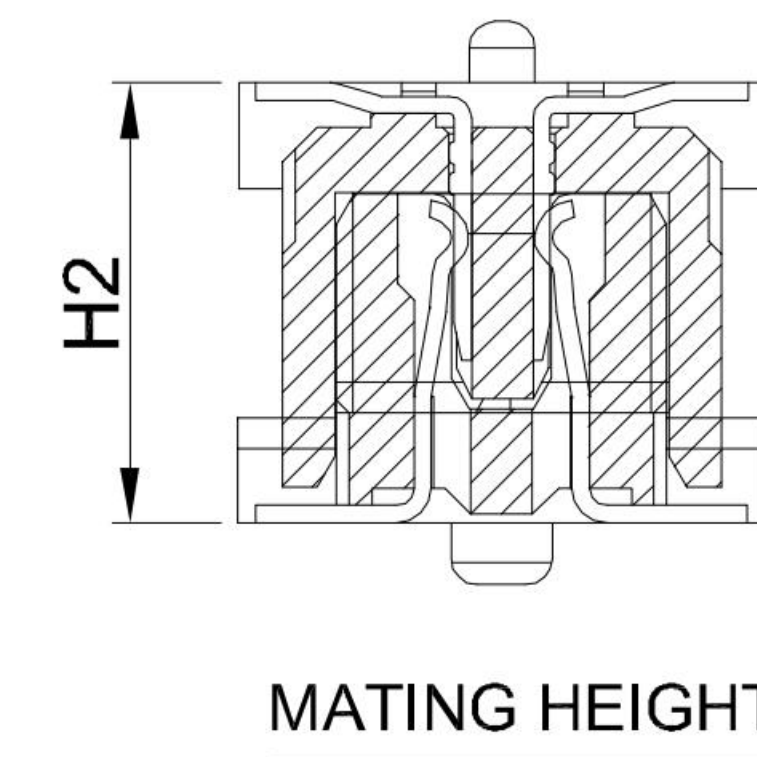
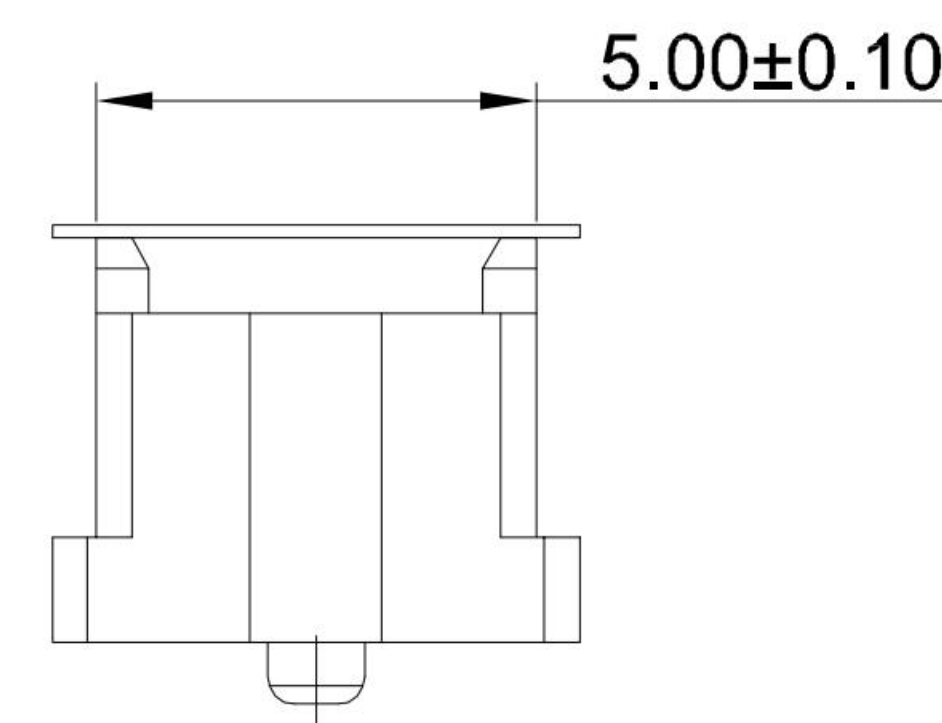
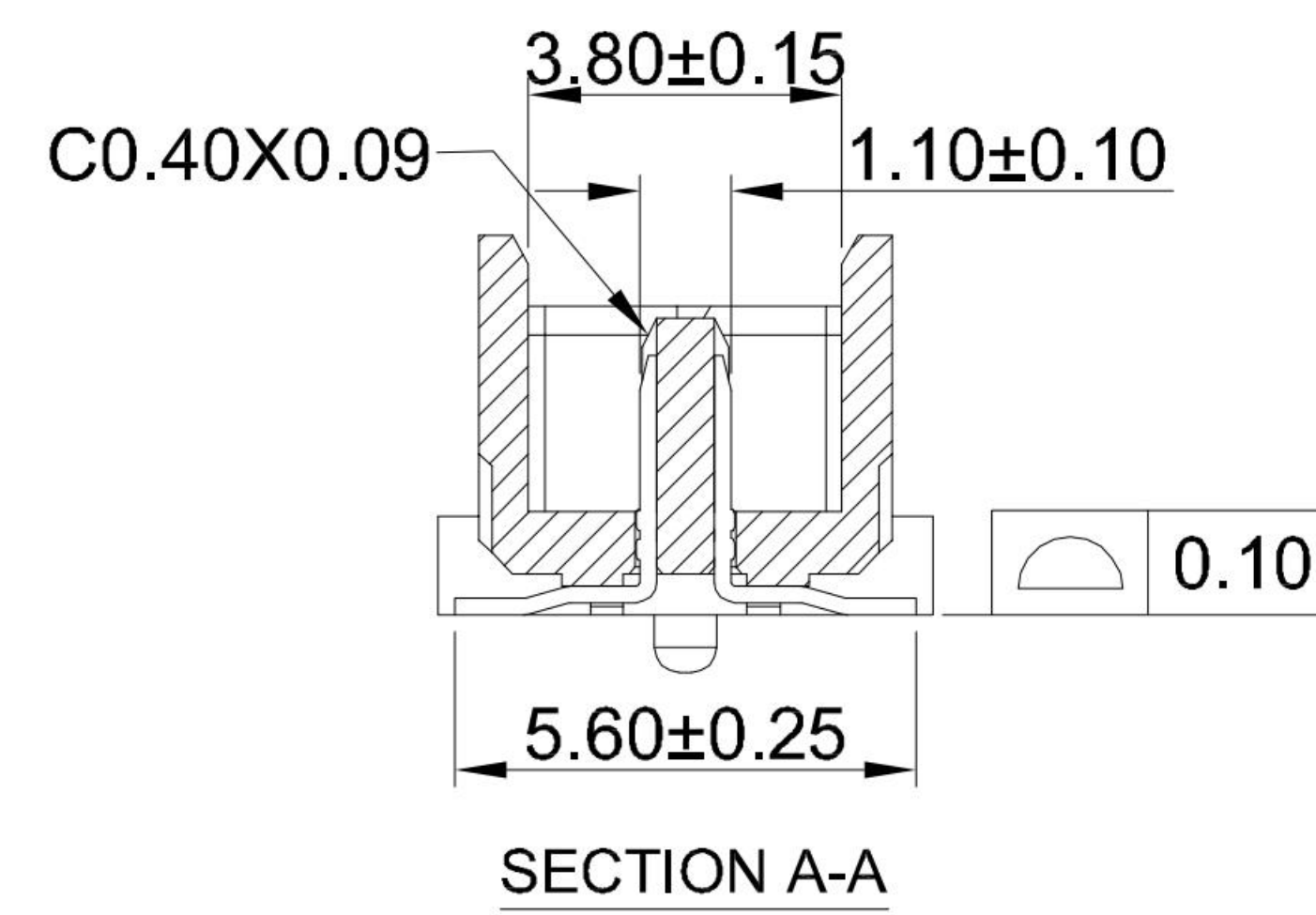
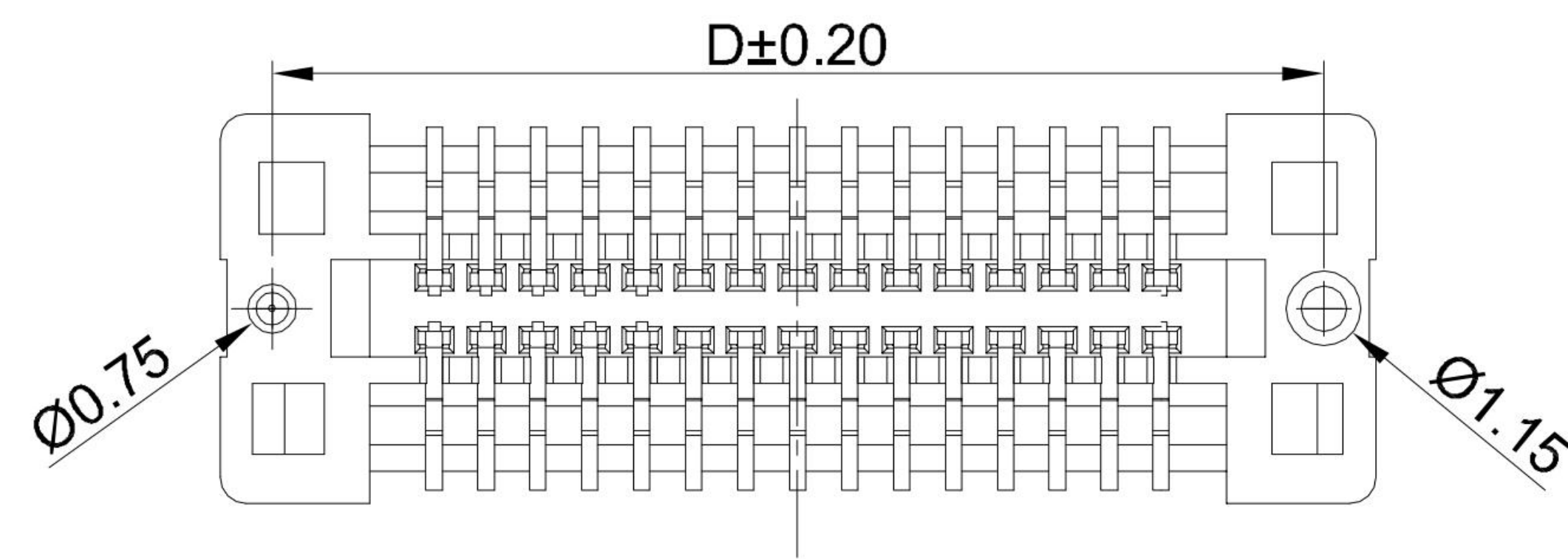
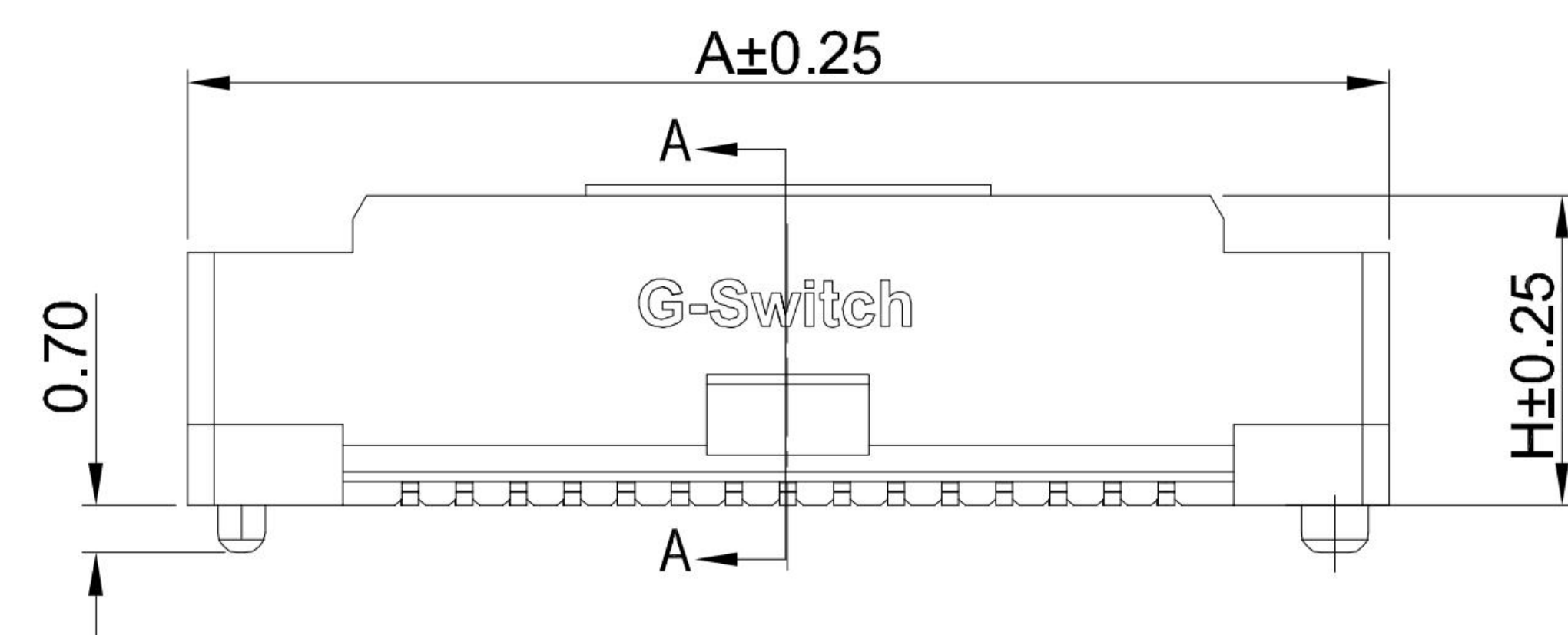
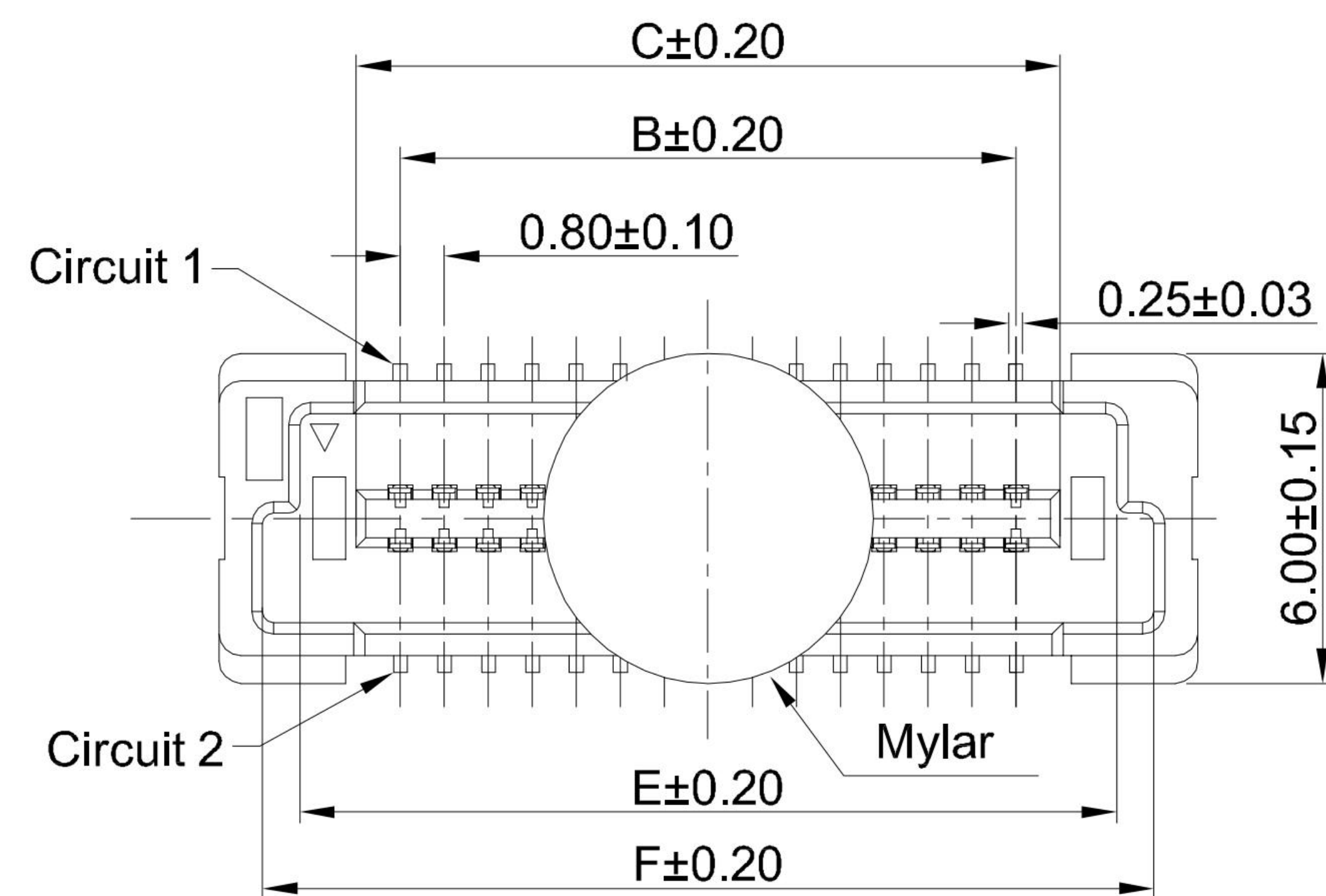
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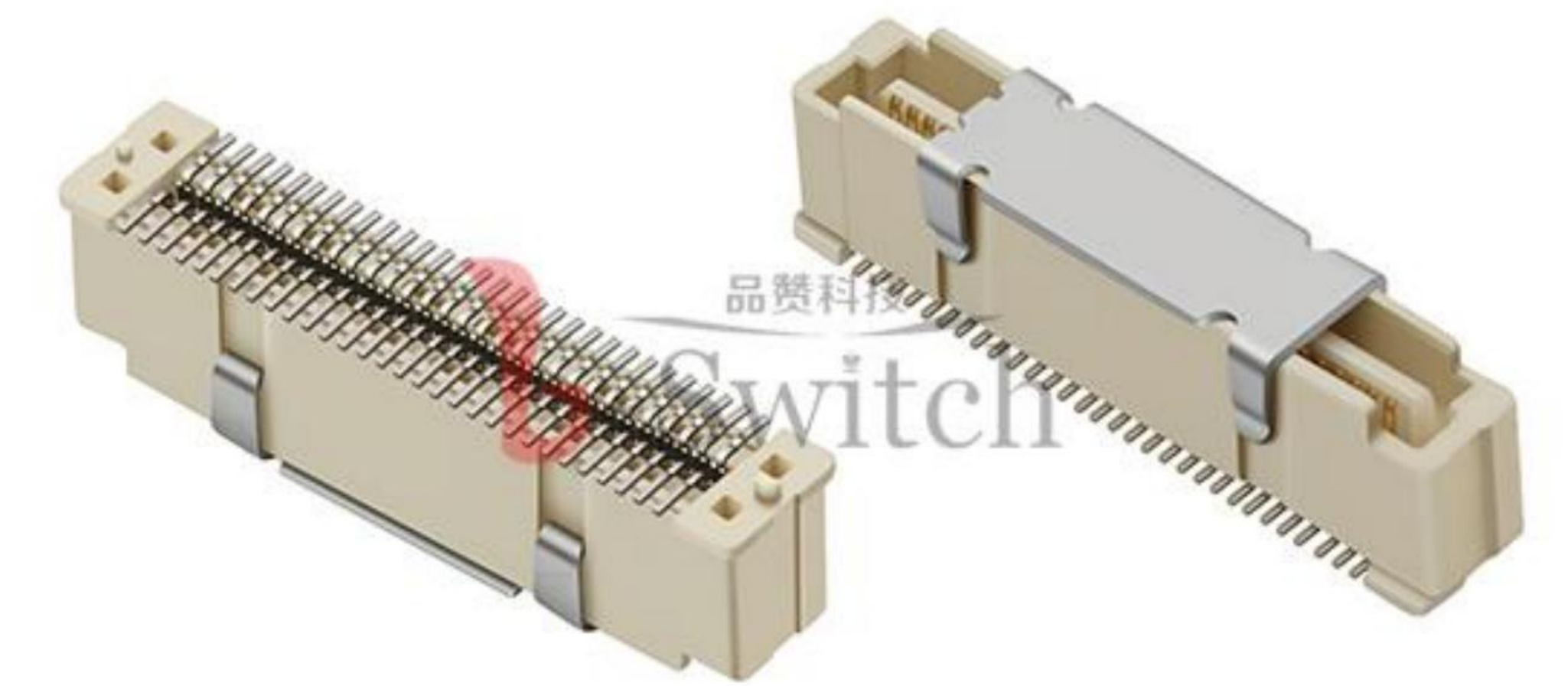
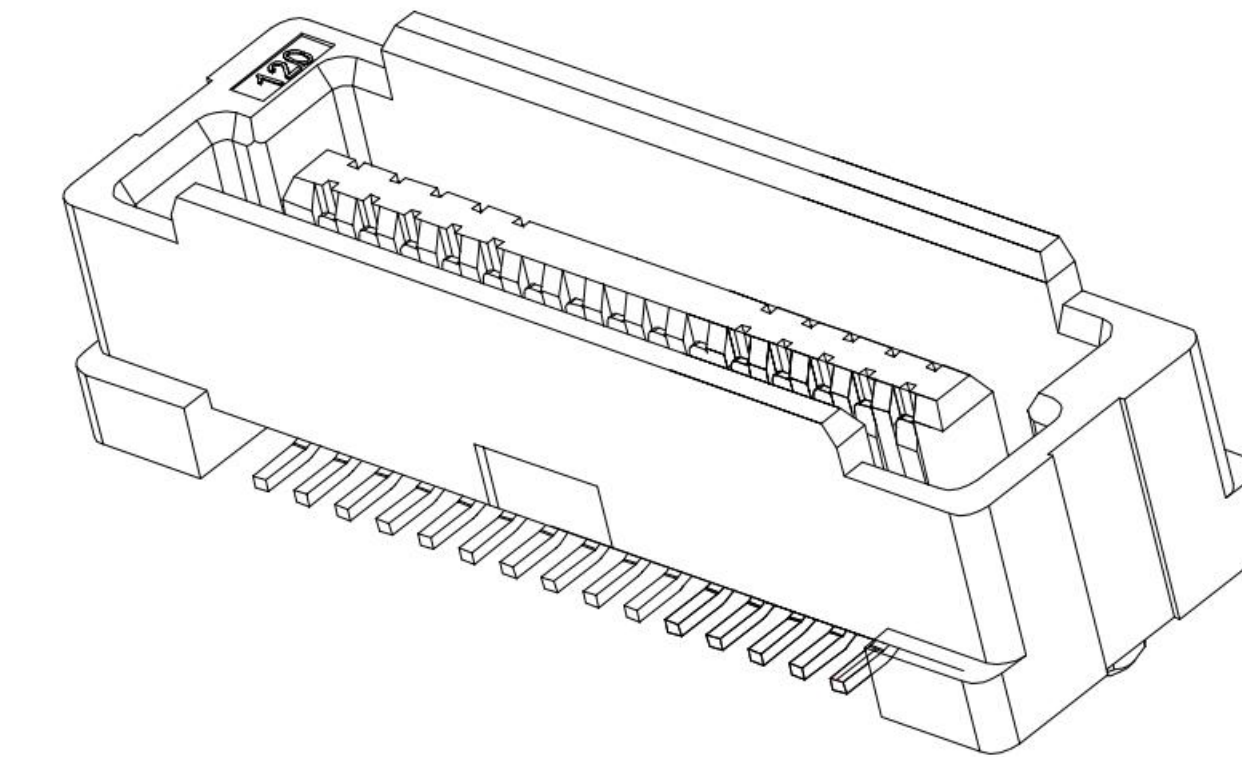
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RECOMMEND PCB LAYOUT
TOLERANCE:±0.05

G-Switch Specification:

- 1.Current rated: 0.5A AC/DC
2. Voltage rating:100V AC/DC
- 3.Withstanding voltage: 500V AC
- 4.Contact resistance: 30mΩ Max.
- 5.Insulation resistance: 500MΩ min
- 6.Durability cycle: 50 Cycles
- 7.Removal force: 0.01kgf/Pin min
- 8.Operating temperature range: -40°C ~ +105°C



GT-B0805 M S V XX -XX X XX 01

G-Switch

Series No

M-Male

Termipoint
S-SMT

ANGLE
V-180°

Terminal Plating
11-ALL G/F(H4.7mm)
01-Gold Flash On
Contact Area

Housing Colour
S-Nature

Pin Q' PY
20~200

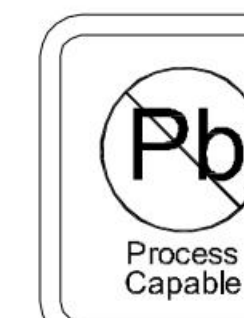
Height
47-4.70mm
57-5.70mm
67-6.70mm
77-7.70mm

MATING HEIGHT(H2)	PLUG (H.mm)	SOCKET (H1.mm)	MATING HEIGHT	PLUG (H.mm)	SOCKET (H1.mm)
5.00	4.70	3.70	13.00	4.70	11.70
6.00	5.70	3.70	14.00	5.70	11.70
7.00	6.70	3.70	15.00	6.70	11.70
8.00	7.70	3.70	16.00	7.70	11.70
9.00	4.70	7.70	17.00	4.70	15.70
10.00	5.70	7.70	18.00	5.70	15.70
11.00	6.70	7.70	19.00	6.70	15.70
12.00	7.70	7.70	20.00	7.70	15.70

2	CONTACT	PHOSPHOR BRONZE	ALL G/F OR Gold Flash On Contact Area
1	HOUSING	LCP,94V-0	Nature
NO.	PART NAME	MATERIAL	REMARK

Ordering Information:

Circuit	Dimensions(mm)					
	A	B	C	D	E	F
20	13.80	7.20	8.80	12.20	10.86	12.21
30	17.80	11.20	12.80	16.20	14.86	16.21



RoHS
Compliant
EU RoHS Standards



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 0.80mm Pitch 180° Dual Rows SMT
Type Mate Connector

Molde Code: GT-B0805MSVXX-XXXXX01

DRAWN	CHECKED	APPROVED	DATE
Hu	Chen	Chen	2022.12.28



REV: A0 SHEET: 1/2

1

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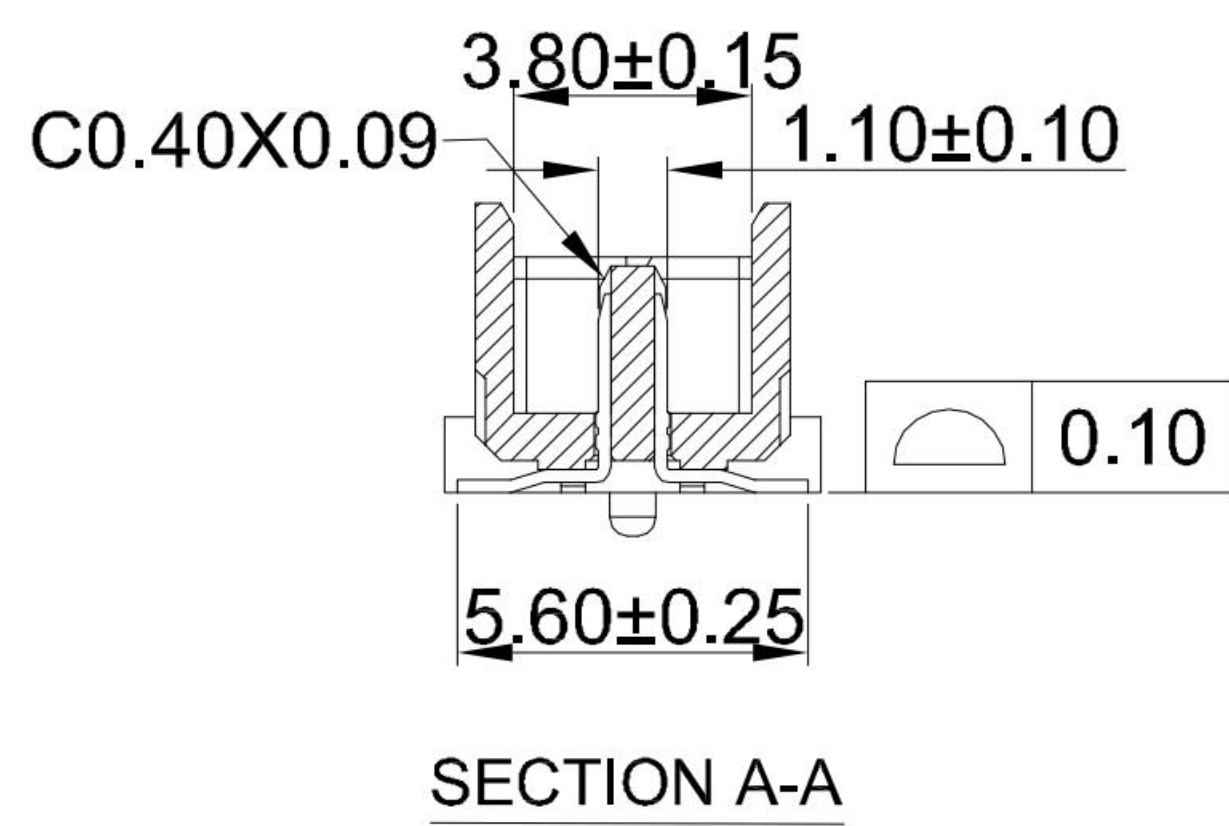
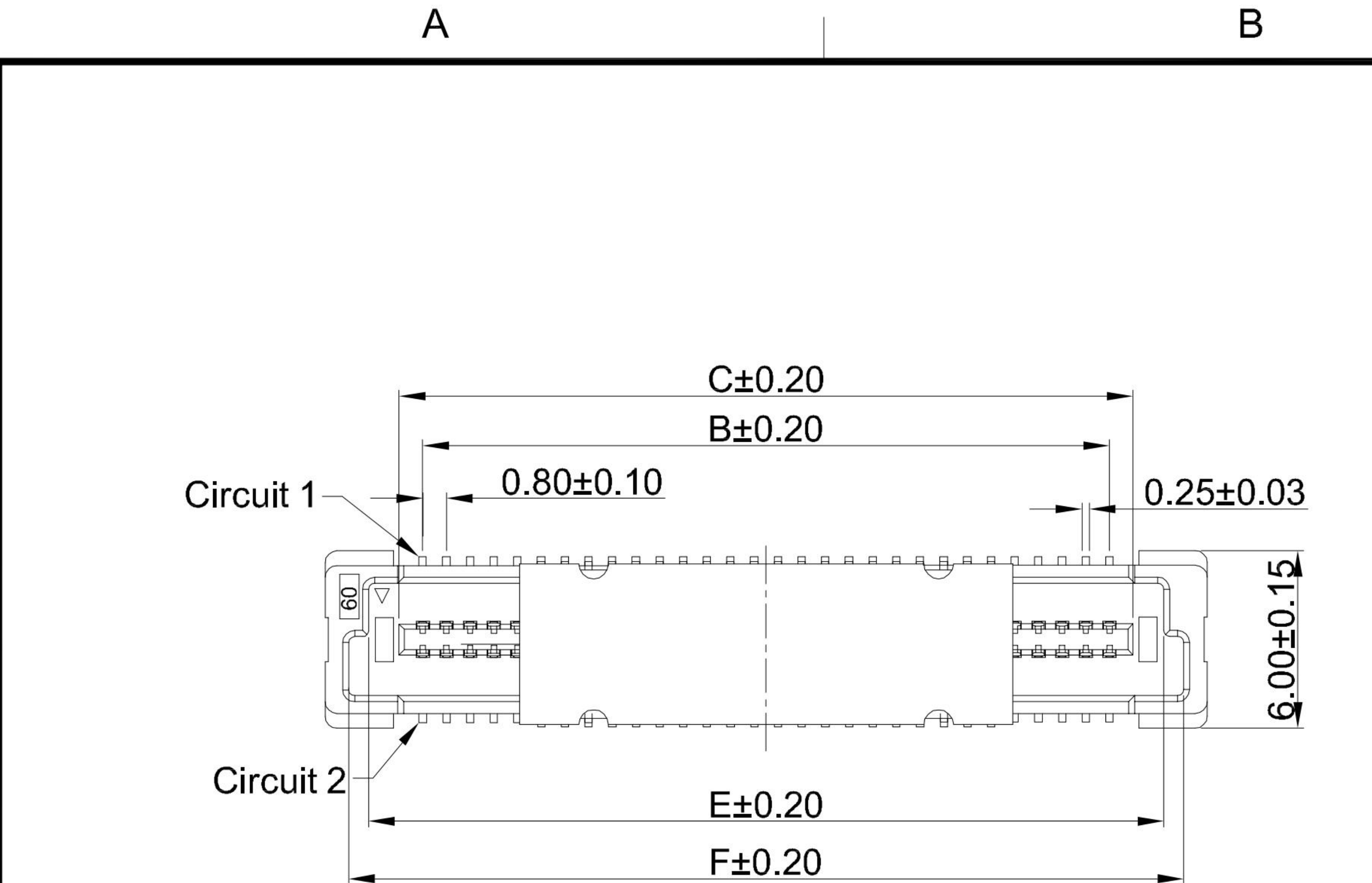
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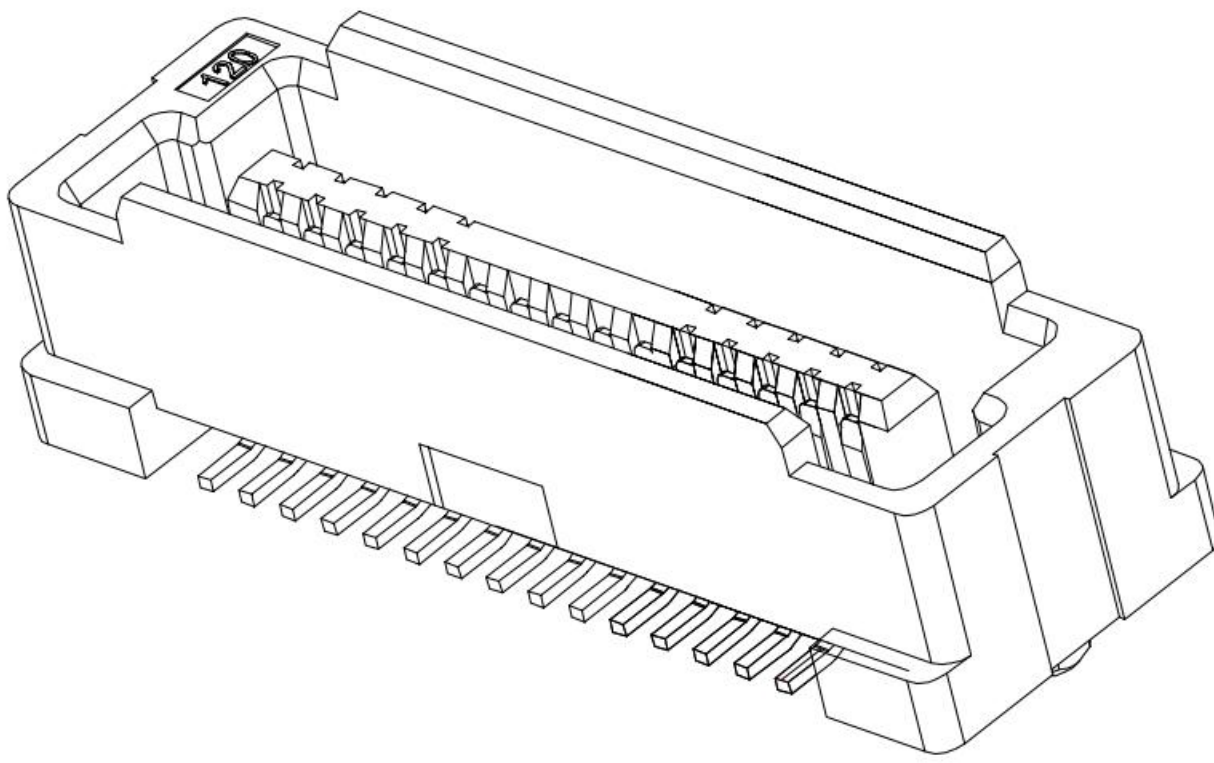
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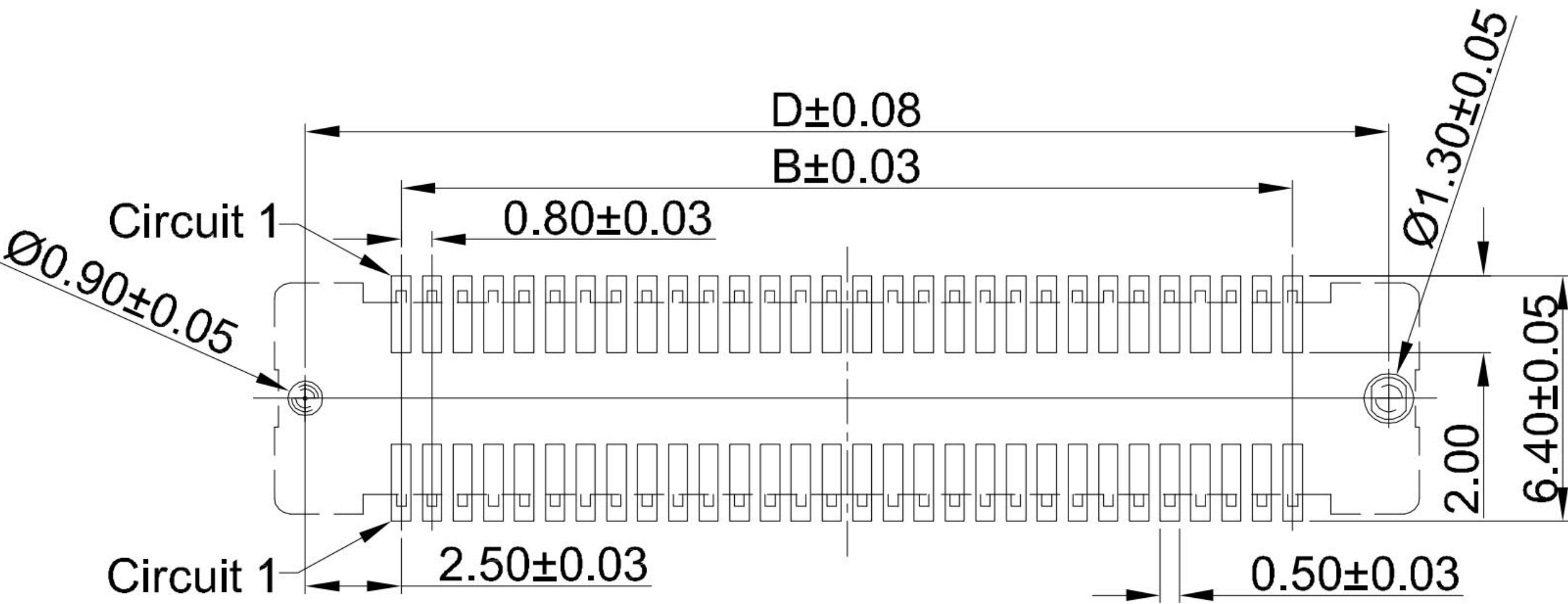
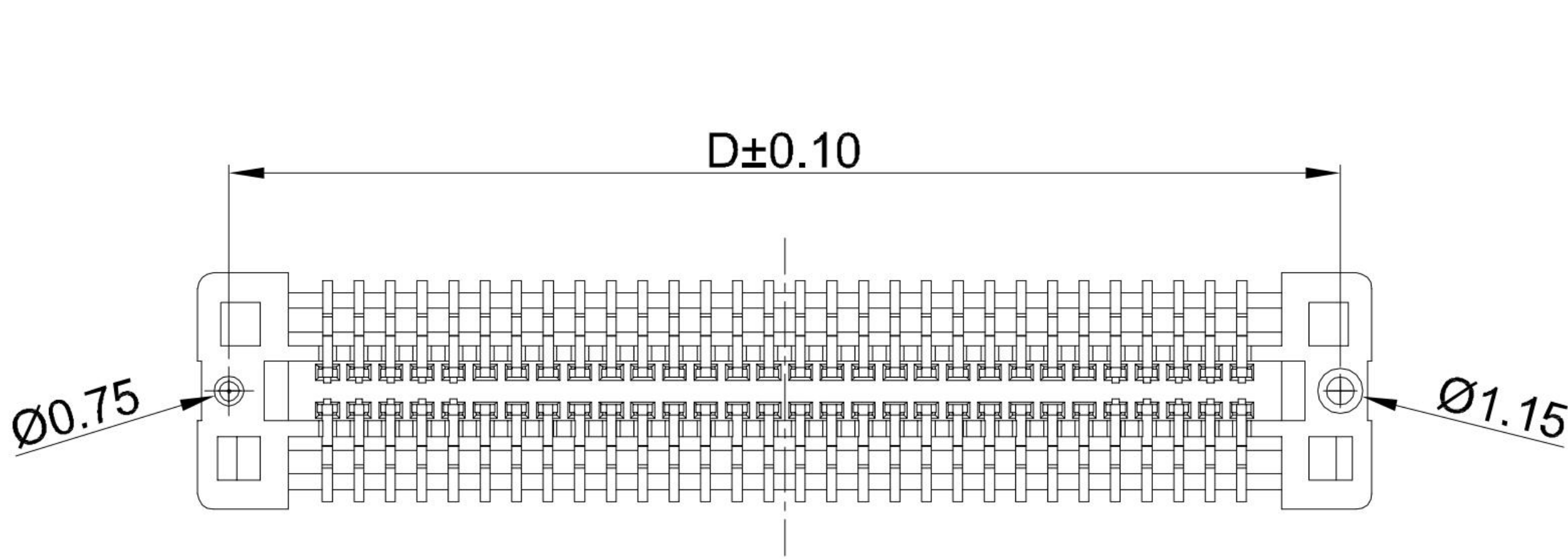
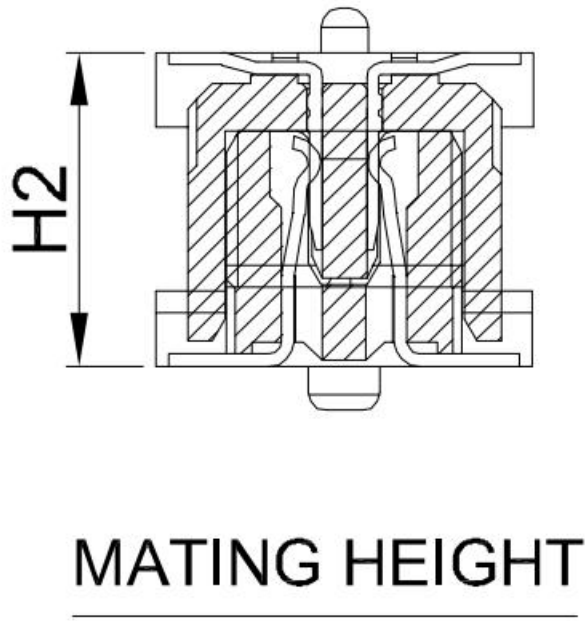
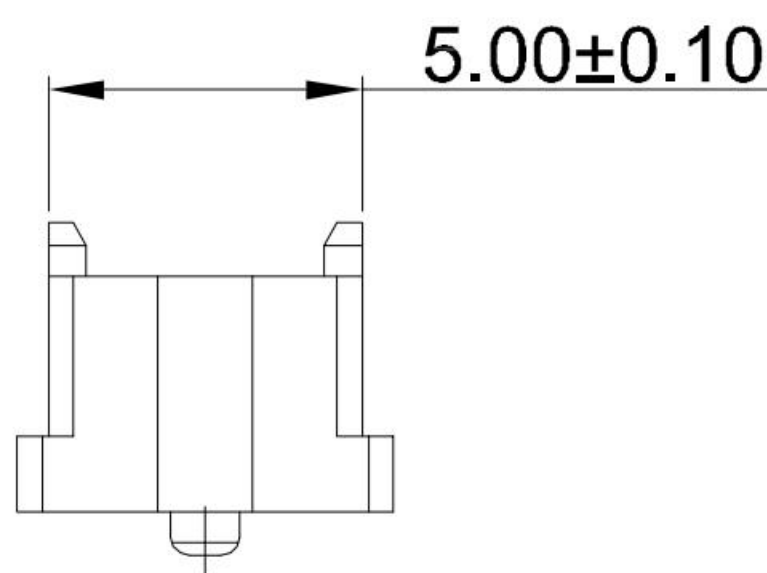
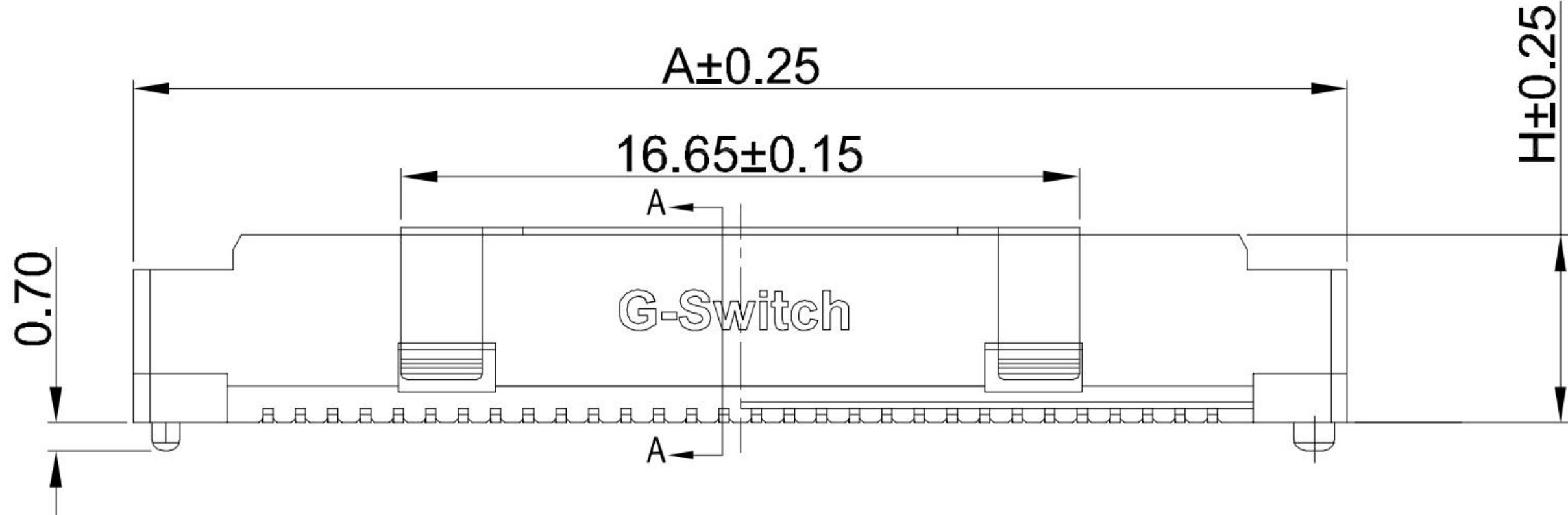


- G-Switch Specification:**
- 1.Current rated: 0.5A AC/DC
 - 2. Voltage rating:100V AC/DC
 - 3.Withstanding voltage: 500V AC
 - 4.Contact resistance: 30mΩ Max.
 - 5.Insulation resistance: 500MΩ min
 - 6.Durability cycle: 50 Cycles
 - 7.Removal force: 0.01kgf/Pin min
 - 8.Operating temperature range: -40°C ~ +105°C



GT-B0805 M S V XX -XX X XX 01

- G-Switch
- Series No
- M-Male
- Termipoint S-SMT
- ANGLE V-180°
- Terminal Plating 11-ALL G/F(H4.7mm) 01-Gold Flash On Contact Area
- Housing Colour S-Nature
- Pin Q' PY 20~200
- Height 47-4.70mm 57-5.70mm 67-6.70mm 77-7.70mm



RECOMMEND PCB LAYOUT
TOLERANCE:±0.05

Ordering Information:

Circuit	Dimensions(mm)					
	A	B	C	D	E	F
40	21.80	15.20	16.80	20.20	18.86	20.21
50	25.80	19.20	20.80	24.20	22.86	24.21
60	29.80	23.20	24.80	28.20	26.86	28.21
80	37.80	31.20	32.80	36.20	34.86	36.21
100	45.80	39.20	40.80	44.20	42.86	44.21
120	53.80	47.20	48.80	52.20	50.86	52.21
140	61.80	55.20	46.80	60.20	58.86	60.21
160	69.80	63.20	64.80	68.20	66.86	68.21
180	77.80	71.20	72.80	76.20	74.86	76.21
200	85.80	79.20	80.80	84.20	82.86	84.21

MATING HEIGHT	PLUG (H.mm)	SOCKET (H1.mm)	MATING HEIGHT	PLUG (H.mm)	SOCKET (H1.mm)
5.00	4.70	3.70	13.00	4.70	11.70
6.00	5.70	3.70	14.00	5.70	11.70
7.00	6.70	3.70	15.00	6.70	11.70
8.00	7.70	3.70	16.00	7.70	11.70
9.00	4.70	7.70	17.00	4.70	15.70
10.00	5.70	7.70	18.00	5.70	15.70
11.00	6.70	7.70	19.00	6.70	15.70
12.00	7.70	7.70	20.00	7.70	15.70
3	SPCC	SUS	NI		
2	CONTACT	PHOSPHOR BRONZE	ALL G/F OR Gold Flash On Contact Area		
1	HOUSING	LCP,94V-0	Nature		
NO.	PART NAME	MATERIAL	REMARK		

SCALE: 1:1UNIT: 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 0.80mm Pitch 180° Dual Rows SMT Type Mate Connector

Molde Code: GT-B0805MSVXX-XXXXX01

DRAWN

CHECKED

APPROVED

DATE

Hu

Chen

Chen

2022.12.28



REV: A0 SHEET: 2/2