

A B C D E

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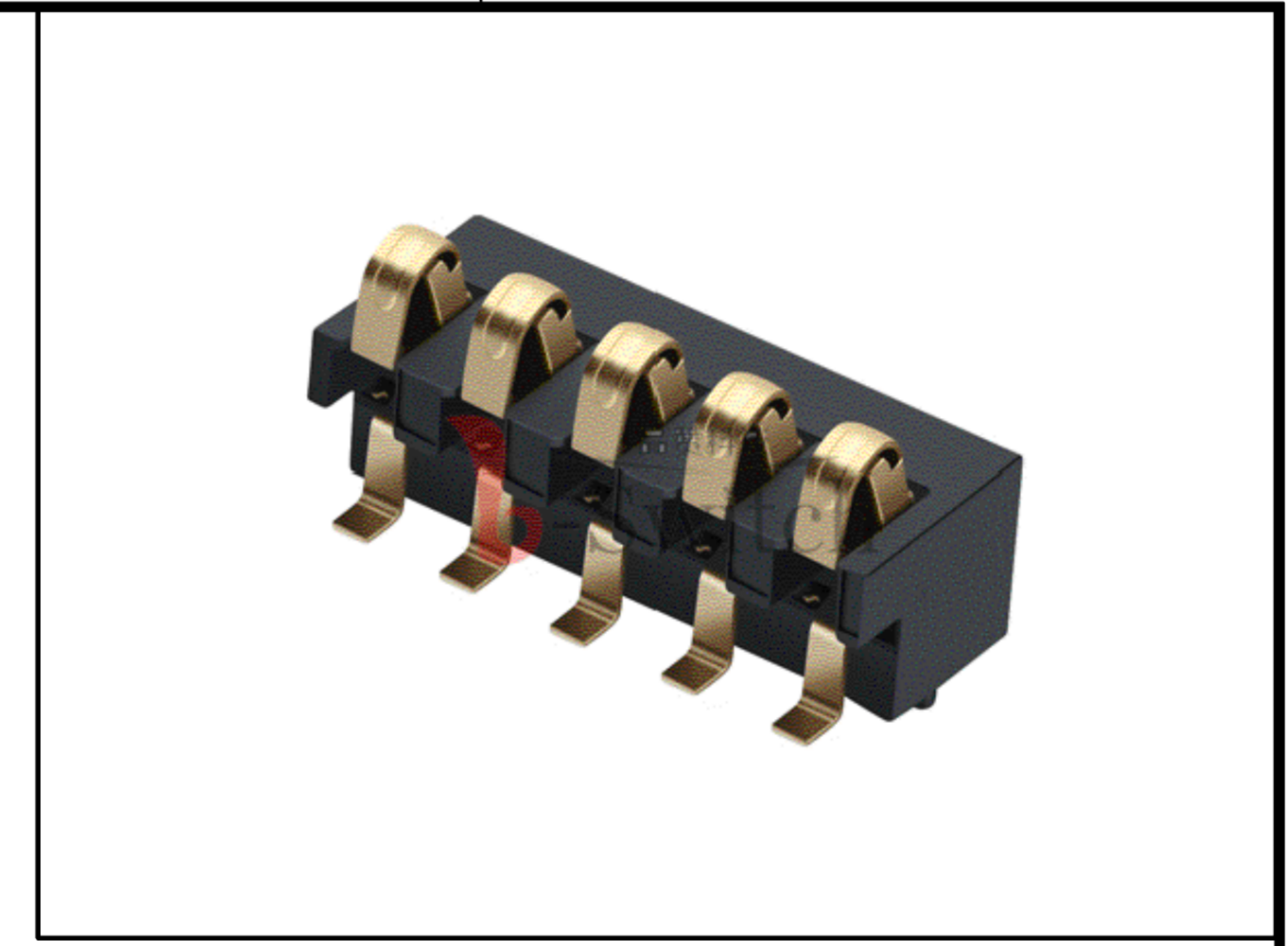
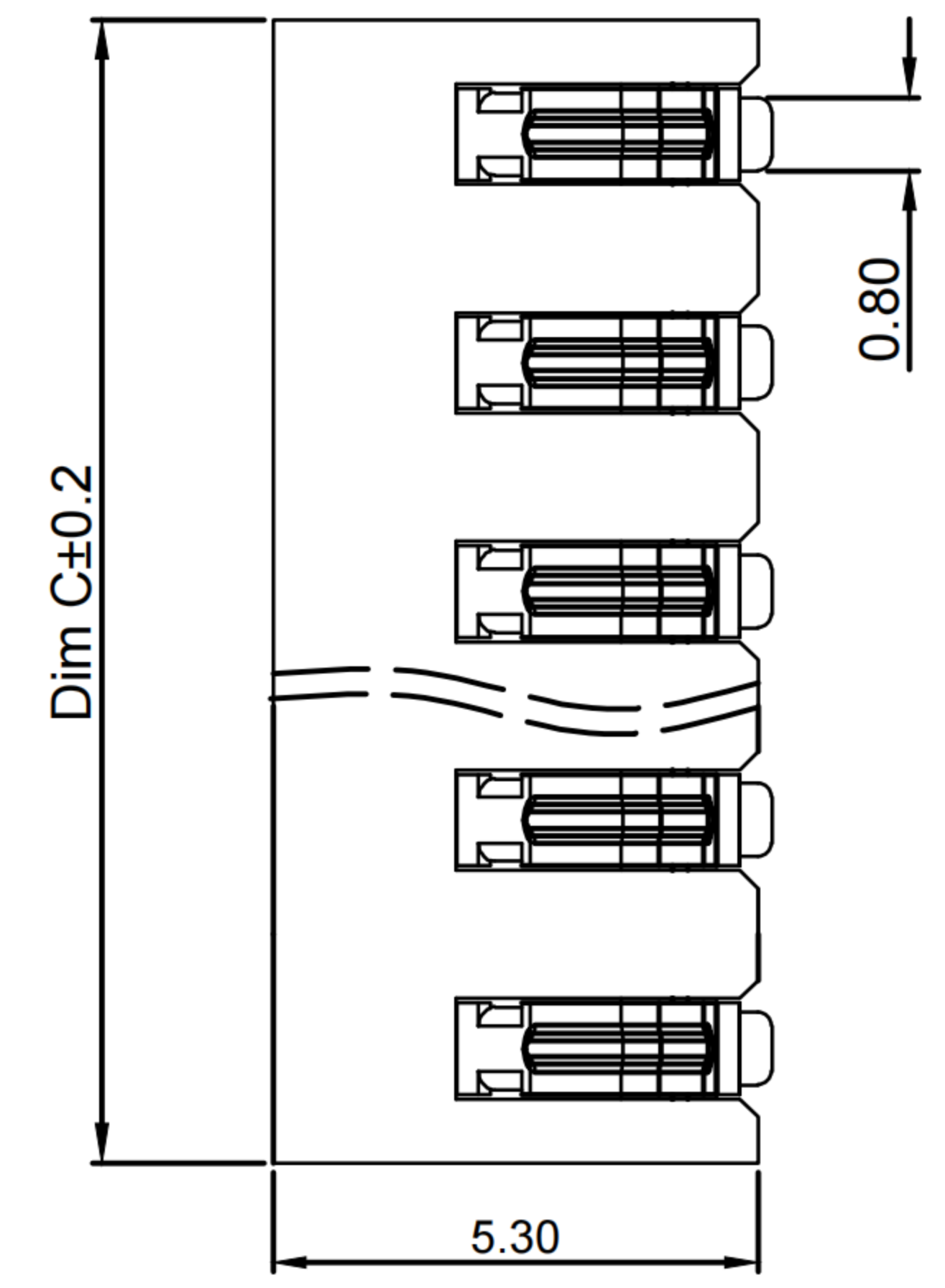
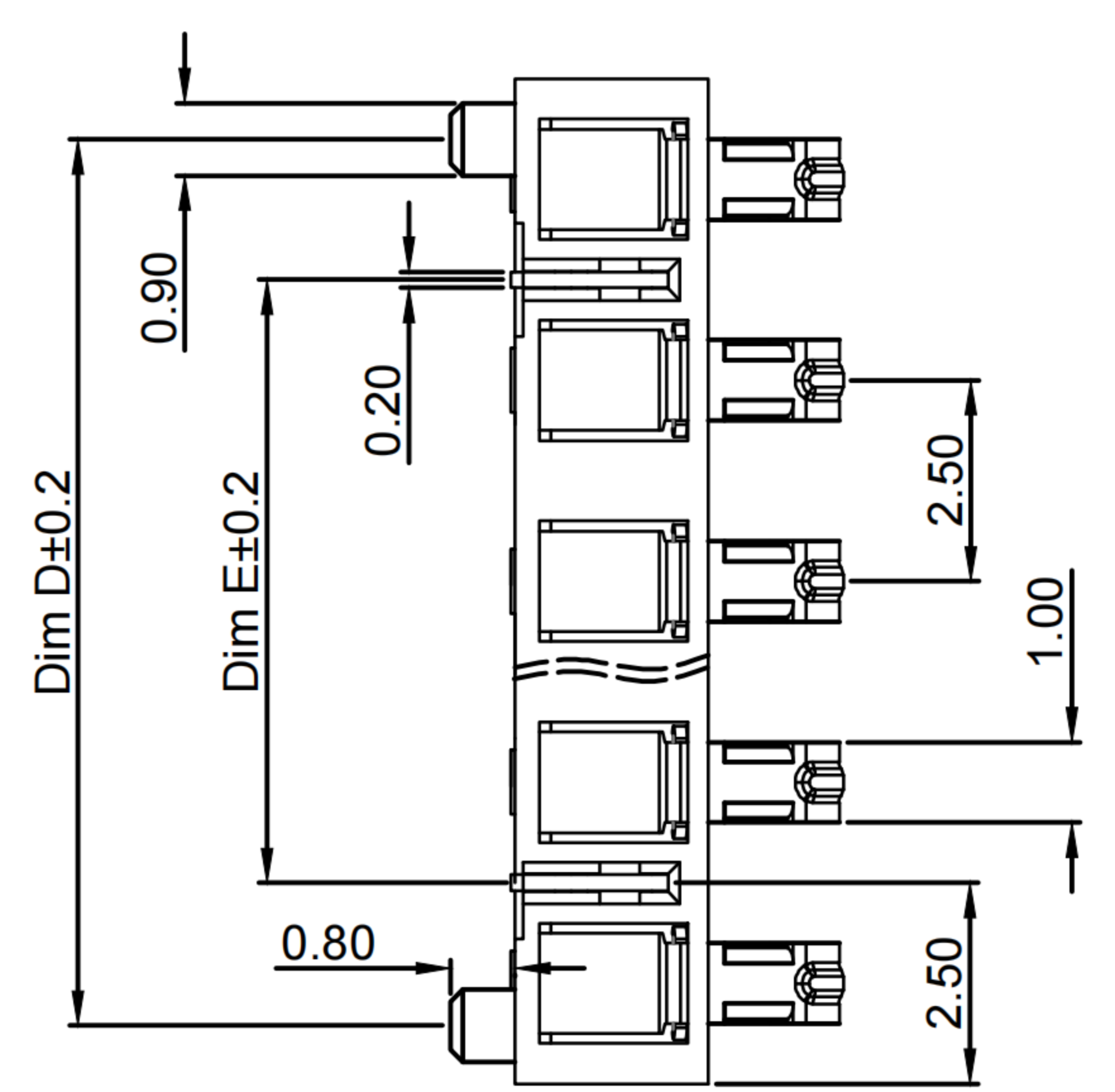
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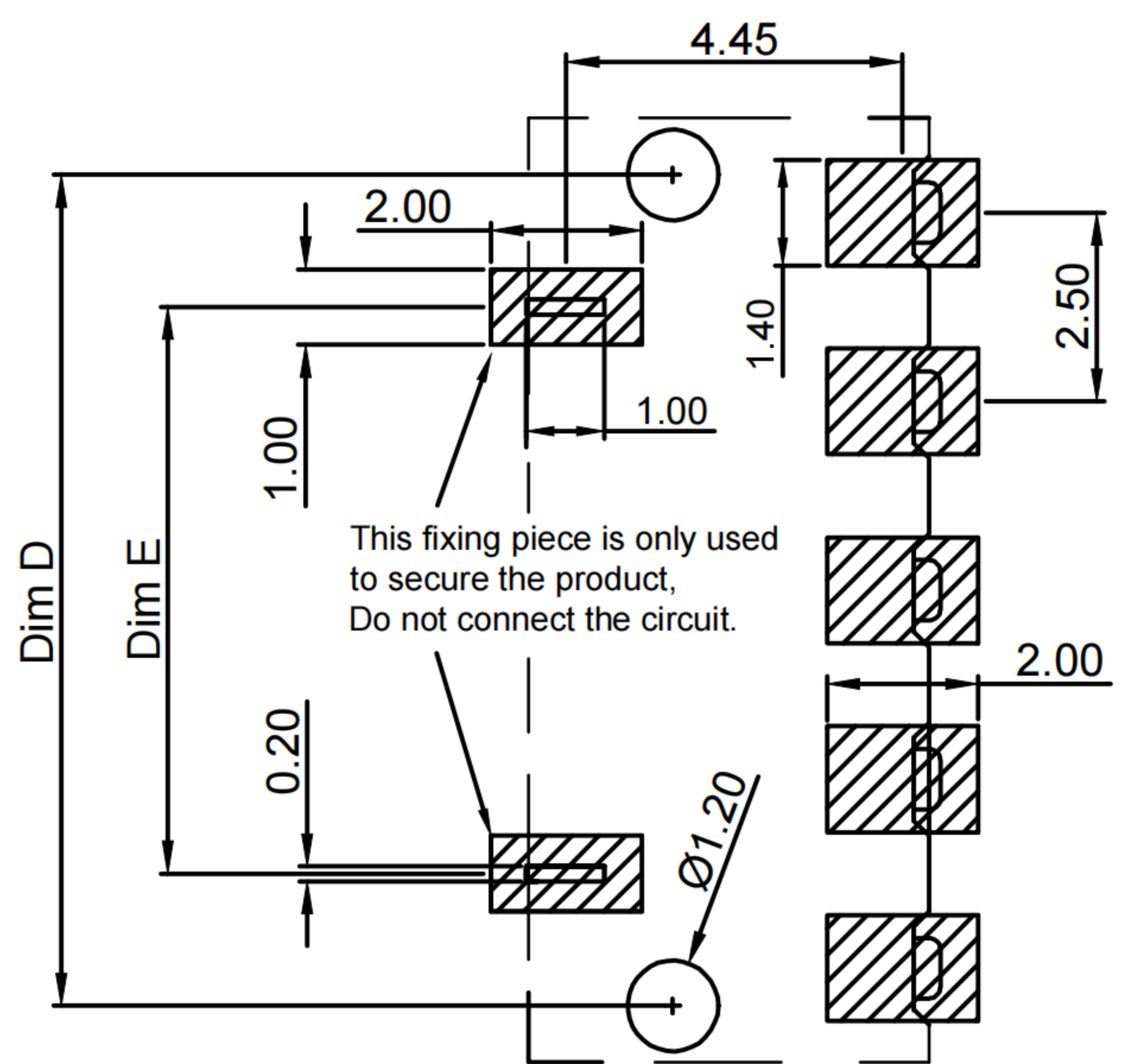
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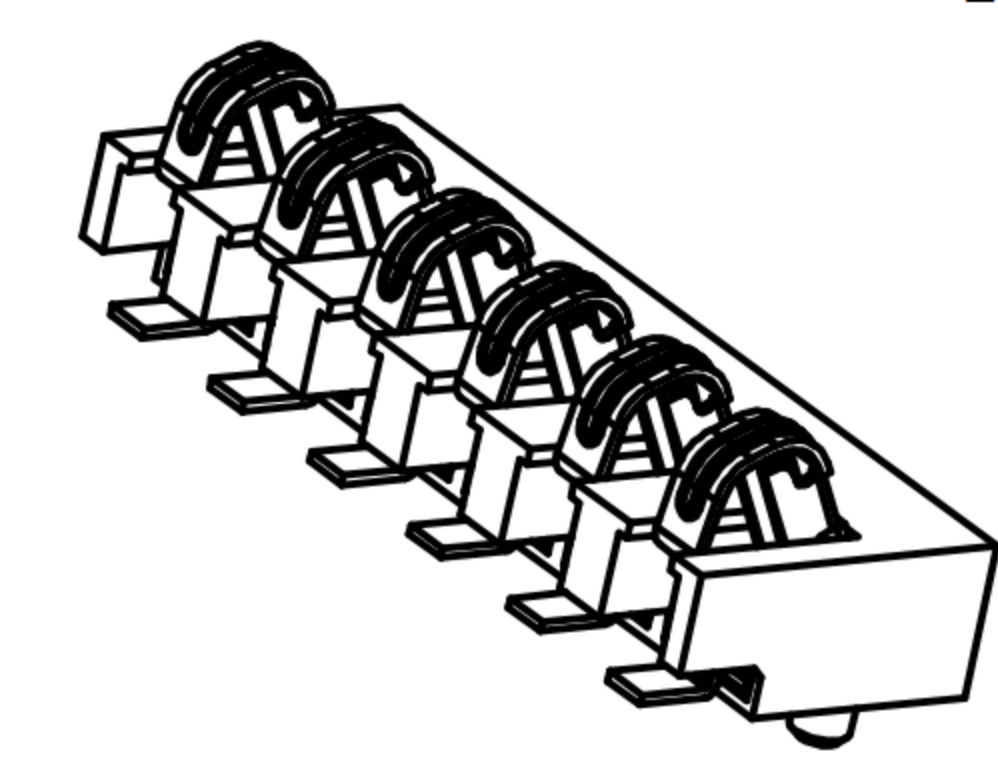
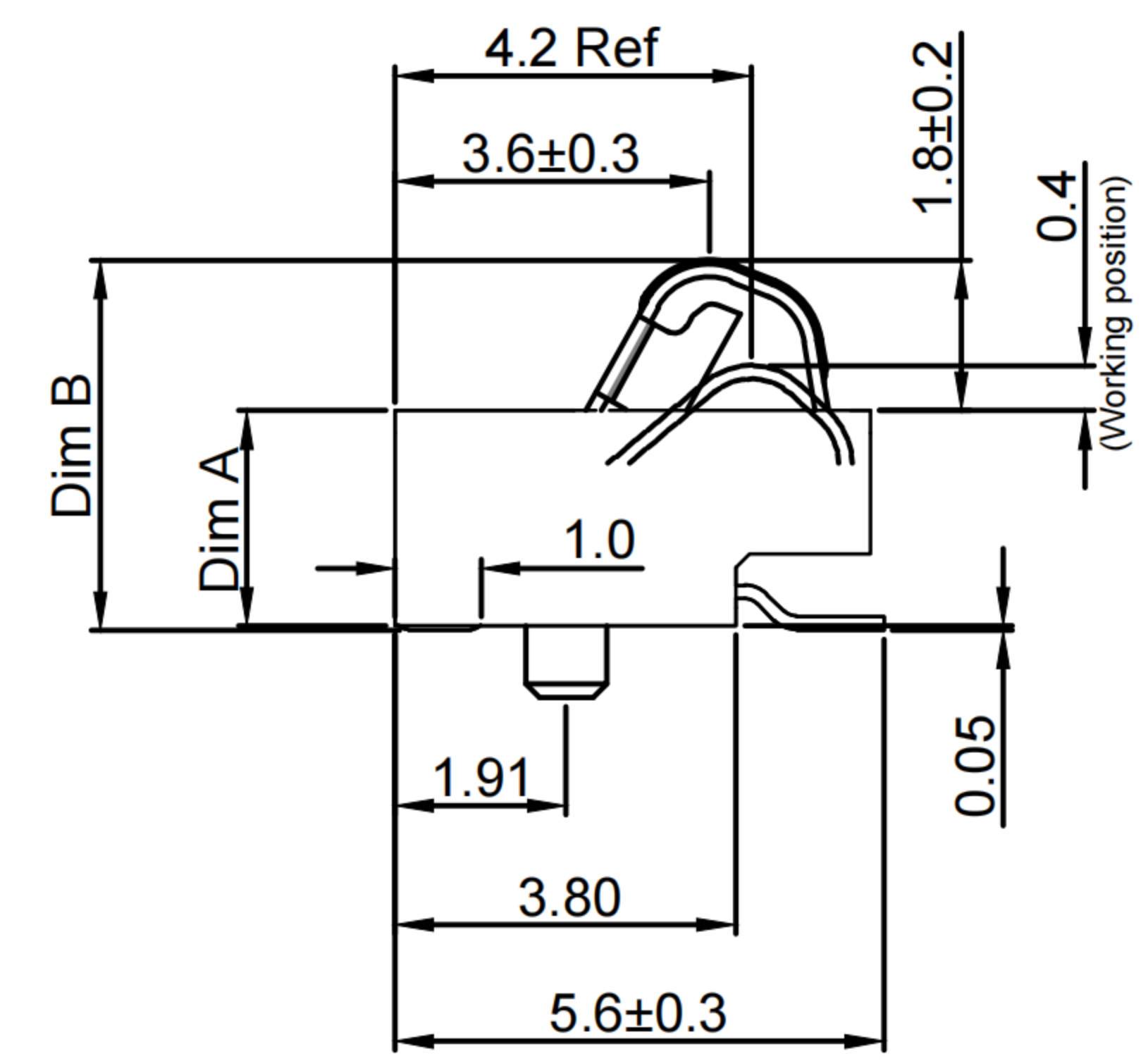
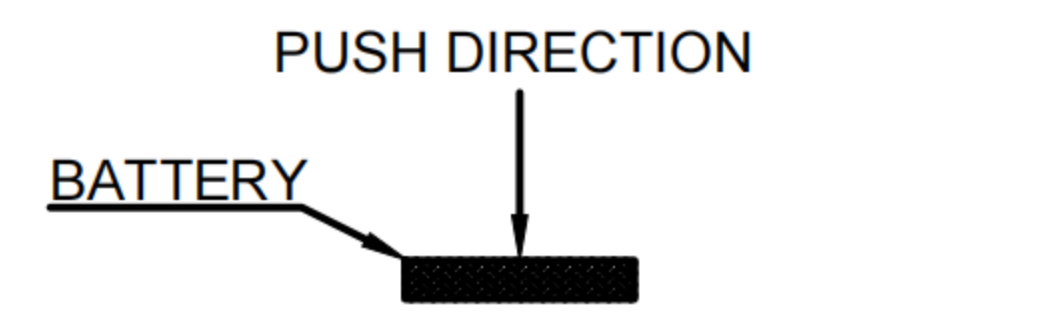


GT-BT P 250 XX - XXXX A - 010 A

**G-Switch**  
**Series**  
 BT: Battery  
**Type**  
 P: Plug  
**Pitch**  
 250=2.50  
**Pin Q'PY**  
 02=2Pin  
 03=3Pin  
 05=5Pin  
**Height**  
 0240=2.40  
 0300=3.00  
 0350=3.50  
 0400=4.00  
 0450=4.50  
 0550=5.50



RECOMMENDED PCB LAYOUT  
 TOLERANCE: ±0.05



**G-Switch Specification:**  
 1.Current rating: 2A  
 2.Rated Voltage: 12V DC  
 3.Insulation resistance: 500MΩ min  
 4.Contact resistance: 30mΩ max  
 5.Dielectric strength: 500V RMS  
 6.Operating temperature range: -40°C ~ +85°C

3	FIXED PIECE	COPPER ALLOY	Tin PLATING
2	CONTACT	PHOSPHOR BRONZE	Au ON CONTACT AREA
1	HOUSING	LCP,94V-0	BLACK
NO.	PART NAME	MATERIAL	REMARK

**Ordering Information:**

Circuit	DIM A	DIM B	DIM C	DIM D	DIM E	Circuit	DIM A	DIM B	DIM C	DIM D	DIM E				
2P	2.4	4.20±0.25	5.00	3.50		4P	4.0	5.80±0.25	10.00	8.50	5.00				
	3.0	4.80±0.25					4.5	6.30±0.25							
	3.5	5.30±0.25					5.5	7.30±0.25							
	4.0	5.80±0.25					5P	2.4				4.20±0.25	12.50	11.00	7.50
	4.5	6.30±0.25						3.0				4.80±0.25			
5.5	7.30±0.25	3.5	5.30±0.25												
3P	2.4	4.20±0.25	7.50	6.00	2.50	6P	2.4	4.20±0.25	15.00	13.50	10.00				
	3.0	4.80±0.25					3.0	4.80±0.25							
	3.5	5.30±0.25					3.5	5.30±0.25							
	4.0	5.80±0.25					4.0	5.80±0.25							
	4.5	6.30±0.25					4.5	6.30±0.25							
5.5	7.30±0.25	5.5	7.30±0.25												
4P	2.4	4.20±0.25	10.00	8.50	5.00		2.4	4.20±0.25							
	3.0	4.80±0.25					3.0	4.80±0.25							
	3.5	5.30±0.25					3.5	5.30±0.25							



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: Vertical Pitch 2.5 Battery Conn  
 SMT C×5.3×H(A)mm

Molde Code: GT-BTP250XX-XXXXA-010A

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2023.12.28



REV: A0 SHEET: 1/1

A B C D E