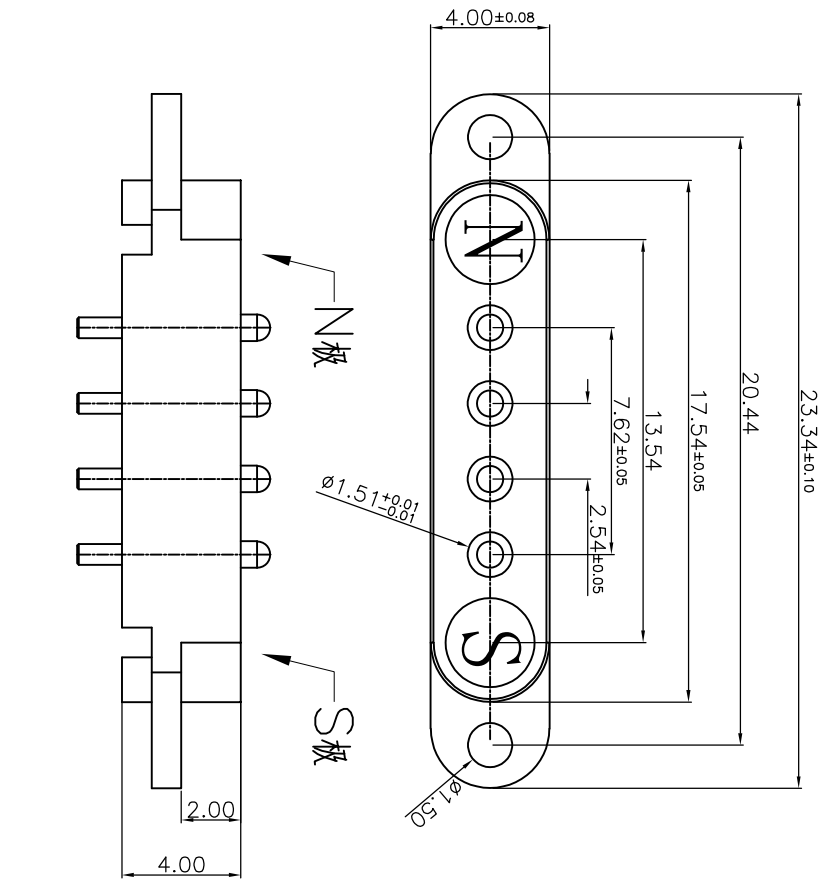


接插针尺寸公差 $\pm 0.05\text{mm}$

Notes:

Characteristics:

A. Material (材料)

- 1) Housing: High Plastic Black (UL94V-0)
- 2) Plunger: brass c3604
- 3) Barrel: brass c3604
- 4) Spring: Stainless steel wire.

B. Plating (电镀)

- 1) Plunger: Plating 3u' Au over Min. 50u' Ni.
- 2) Barrel: Plating 3u' Au over Min. 50u' Ni.
- 3) Spring: Plating 1u' Au

C. Electrical (电气性能)

- 1) Operating voltage: 12V Max.
- 2) Operating current: 1A Max.
- 3) Contact resistance: 30mohm Max. at working height (quiescence).

D. Mechanical (机械性能)

- 1) Total stroke: 1.10mm.
 - 2) Working height: 1.0mm.
 - 3) Spring Force: $45\text{gf} \pm 10\text{gf}$ at working height
 - 4) Mechanical life: 10,000 cycle min.
 - 5) Don't exceed the Max. allowed compression
- E. Environmental (环境性能)
- 1) Storage and operating temperature range: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
 - 2) Humidity range: 10% RH to 90% RH
 - 3) Salt spray: 48H

F. Others (其他)

- 1) The dimensions marked * are critical. Should be checked in production
- 2) RoHS compliant product.

12		DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN	DENGYINGSHUAI	MATERIAL	-	HEAT TREAT	-	REQ'D	-
		MM			CHK	MOTTECHEN		东莞市康顿智能科技有限公司				
11					APVD							
		 	0 PLC 1 PLC 2 PLC 3 PLC 4 PLC	± 0.2 ± 0.1 ± 0.05 ± 0.02								
10	New Release	2022-02-12	ANGLES $\pm 0.3^{\circ}$		NAME #	4P-2.54PH	SPEC #	PG1.5-5.0-4P-2.54PH-4.0H				
REVISION	REVISION RECORD	DATE	SURFACE TEXTURE		SCALE	1:1	SIZE	A4	DRAWING NO		A0467-PG0539-2.54PH	