



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 3μ Au over Min. 50μ Ni
 - 2) Barrel: Plating 3μ Au over Min. 50μ Ni
 - 3) Spring: Plating 1μ 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: 45gf±10gf at working height
 - 4) Mechanical life: 10,000 cycle min.
 - 5) Don't exceed the Max. allowed compression
- E. Environmental (工作环境)
 - 1) Storage and operating temperature range: -40°C~+85°C
 - 2) Humidity range: 10% RH to 90% RH
 - 3) Salt spray: 48H
- F. Others (其它)
 - 1) The dimensions marked * are critical, Should be checked in production
 - 2) RoHS compliant product.

④	③	②	①	DIMENSIONS: MM	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN		MATERIAL	HEAT TREAT	REQ'D
						CHK	MOTIECHEN			
					0 PLC ± 0.05 1 PLC ± 0.2 2 PLC ± 0.1 3 PLC ± 0.05 4 PLC ± 0.02			APVD		
								NAME # 2P-2.8PH	SPEC # PG1.5-5.0-2P-2.8PH-4.0H	
								SCALE # 1:1	SIZE # A4	DRAWING NO # ZZ0259-PG0539-2.8PH
④	③	②	①	New Release	2022-02-12					
REVISION	REVISION RECORD	DATE								