



Notes:

Characteristics:

A. Material(##)

1) Housing:PA9T, BLACK (UL94V-0)

2) Plunger:brass c3602

~~3) Barrel:brass c3602~~

~~4) Spring:Stainless steel wire~~

B. Plating(##)

1) Plunger:Brass,Plating Min. 10u' Au over Min. 50u' Ni.

~~2) Barrel:Brass,Plating Min. 5u' Au over Min. 50u' Ni~~

~~3) Spring:Stainless steel wire~~

C. Electrical(##)

1) Operating voltage: 12V Max.

2) Operating current: 1A Max.

3) Contact resistance: 50mohm Max.  
at working height(Quiescence).

~~D. Mechanical(##)~~

1) Total stroke: 0.8mm.

2) Working height: 0.4mm.

3) Spring Force:40gf±20gf at working height

4) Mechanical life: 10,000 cycle min.

5) Don't exceed the Max. allowed compression

E. Environmental(##)

1) Storage and operating temperature range:  
-40°C~+85°C

2) Humidity range: 10% RH to 90% RH

3) Salt spray: 48H

F. Others(##)

1) The dimensions marked \* are critical.

Should be checked in production

2) RoHS compliant product.

REVISION		REVISION RECORD		DATE		SURFACE TEXTURE		DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		ANGLES		SCALE		DRAWING NO	
A		New Release		2020-08-20		10.3°		MM		0 PLC 1 PLC 2 PLC 3 PLC 4 PLC		± 0.2 ± 0.1 ± 0.05 ± 0.02		1:1		ZZ0431-PG0417-HS04-0971-030-9.7H	
8		7		6		5		4		3		2		1			