

1

2

3

4

Note:

Mechanical Performance:

.Single pin spring force: 20g±10g at 0.3mm working stroke

.Full stroke: 0.3mm

.Machanical Life : 20,000 cycles

Electrical Performance:

.Rated current & voltage: DC 12V, 1A Max

.Single pin Contact resistance: 50 milliohm Max. (Dynamic LLCR)

.When the current is greater than 1A then need to

increase the time delay circuit(3 second)

.Cannot be used as the charging

Environment performance:

.Operating Temp:-40 to +105℃

.Resistance to Solder heat: 260℃±5° 20s±2s

To ensure the best usage, please operate it based on the working height.

Based on the engineering drawings, shall not exceed the maximum allowed compression.



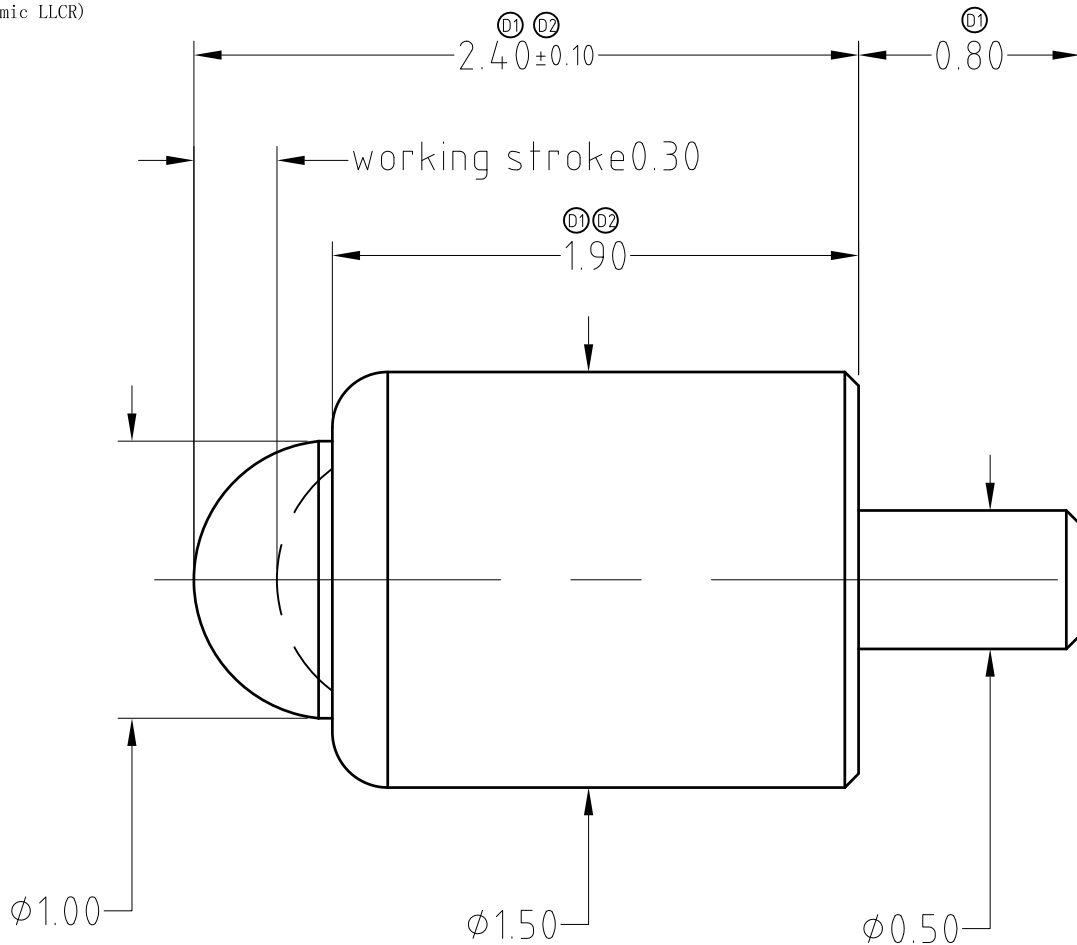
Approve Sign

A

B



C

D



Spring:SUS304 Au	B1603-S1001	1
Plunger:Brass C3604 0.125um Au over 1.25~2.5um Ni	B1603-P1005	1
Barrel:Brass C3604 0.125um Au over 1.25~2.5um Ni	B1603-B1005	1
<Specification>	<P/N>	<Qty>

	D2	2019.06.03	修改外形尺寸
	D1	2019.05.10	修改外形尺寸
	D0	2018.10.17	NEW
ECN(DCN) NO.	REV	DATE	DESCRIPTION

SCALE	10:1	UNIT:mm	THIS DOCUMENT IS THE SOLE PROPERTY OF CFE CORPORATION CO.,LTD., AND SHOULD NOT BE USED IN WHOLE OR IN PART WITHOUT PRIOR WRITTEN PERMISSION.		 磁吸充电方案商 Magnetic Charging Solution Provider	
ANGEL	±2°	A4	SHEET: 1 of 1			
0~6	±0.05				PART NO.	BP160311
6~30	±0.10	DRAW			FILE NAME	BP1603XX
30~150	±0.15	CHECK			TITLE.	Pogo pin/弹簧针
GENERAL TOLERANCE UNLESS OTHERWISE NOTED		APPRO				