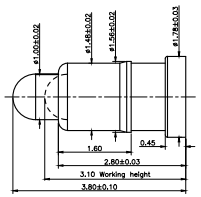
Pieces Approve this Drawing	
Date	
Signature	

NO.	Part Name	QTY	Material	Plated surface
1	Plunger	1	[illegible]	AU 5.0" MIN OVER 50.0" MIN NI
2	Barrel	1	[illegible]	PA 20.0" MIN OVER 50.0" MIN NI
3	Spring	1	SUS 304	/



NOTES:
1. Electrical
   Rated Current & Voltage : DC 12 V ; 1.0A Max.
   Contact Resistance: 100 mohm maximum
   at Working Height(Deflection)
2. Mechanical
   Travel: 1.60 mm
   Working Stroke: 0.70 mm
   Spring Force: 100g±10%gf at Working Height
   Durability:10,000 cycles(minimum)
3. Environmental
   Operating Temperature: -40℃~+80℃
   Humidity Range: 10%RH~90%RH
   Storage Temperature:
4. When the current is greater than 1A then need to increase the time delay 10ms(0.01 second)
5. To avoid wrong beep, the amplifier start to power supply after the water valve fully open.
6. To ensure the best comfortable operate it based on the working height.
7. RoHS&HF compliant product.

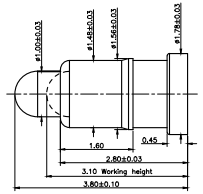
DRAWN	CDH	DATE	2022.08.17	Dongguan SOMON Electronics Co., Ltd.
CHECKED		SCALE	10:1	VER. A.0
APPROVED		TITLE	Foto Fin	
PROJECT		DRAWING NO.	PRJ01-R06-0004	
SHEET	1 of	UNIT	mm	

Ang:		Dim:	
0	±1°	0	±0.15
.0	±0.5°	.0	±0.10
.00	±0.25°	.00	±0.05

VER.	DESCRIPTION	ECN NO.	DATE

Pieces Approve this Drawing	
Date	
Signature	

NO.	Part Name	QTY	Material	Plated surface
1	Plunger	1	[illegible]	AU 5.0" MIN OVER 50.0" MIN NI
2	Barrel	1	[illegible]	AU 30.0" MIN OVER 50.0" MIN NI
3	Spring	1	SUS 304	/



NOTES:
1. Electrical
   Rated Current & Voltage : DC 12 V ; 1.0A Max.
   Contact Resistance: 100 mohm maximum
   at Working Height(Deflection)
2. Mechanical
   Travel: 1.60 mm
   Working Stroke: 0.70 mm
   Spring Force: 100g±10%gf at Working Height
   Durability:10,000 cycles(minimum)
3. Environmental
   Operating Temperature: -40℃~+80℃
   Humidity Range: 10%RH~90%RH
   Storage Temperature:
4. When the current is greater than 1A then need to increase the time delay 10ms(0.01 second)
5. To avoid wrong beep, the amplifier start to power supply after the water valve fully open.
6. To ensure the best comfortable operate it based on the working height.
7. RoHS&HF compliant product.

DRAWN	CDH	DATE	2022.08.17	东莞市双盟电子有限公司
CHECKED		SCALE	10:1	VER. B.0
APPROVED		TITLE	Foto Fin	
PROJECT		DRAWING NO.	PRJ01-R06-0003	
SHEET	1 of	UNIT	mm	

Ang:		Dim:	
0	±1°	0	±0.15
.0	±0.5°	.0	±0.10
.00	±0.25°	.00	±0.05

VER.	DESCRIPTION	ECN NO.	DATE