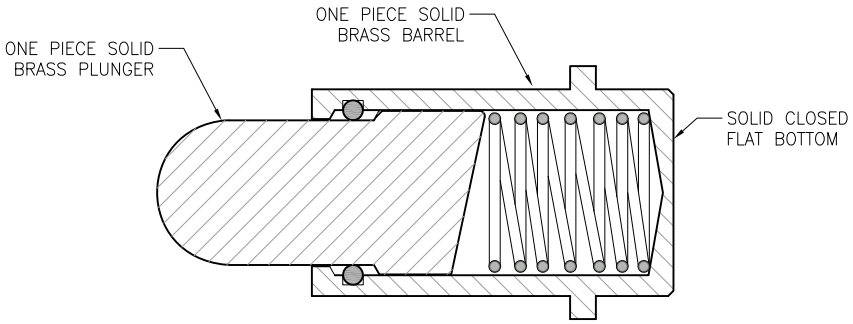
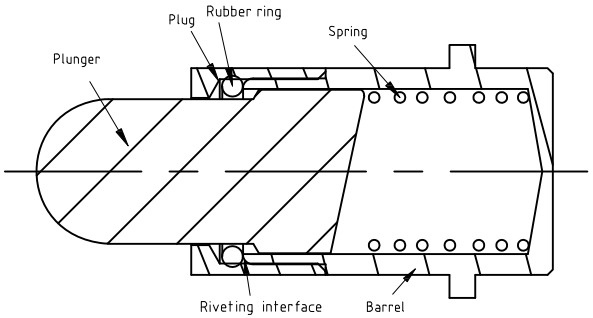
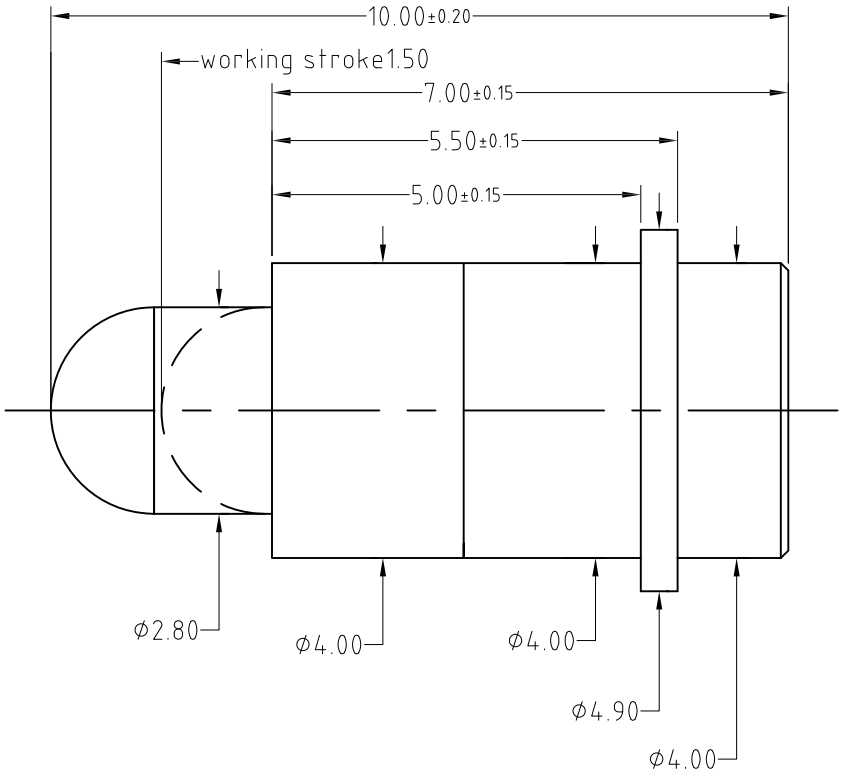
Rev	AWO #	Description	Date	Appr
-		RELEASED	3/4/19	
A		ADDED SPEC. & DIM.	7/29/19	AY/TW
B		ADDED ADDITIONAL VIEW	11/14/19	SS

APPROVED: _____

DATE: _____ TITLE: _____







SPECIFICATIONS:

Material:

Plug: Brass, 10u" Gold plated over Nickel

Plunger: Brass, 10u" Gold plated over Nickel

Barrel: Brass, 10u" Gold plated over Nickel

Spring: SUS 304, Gold plated

Waterproof ring: Silicone, Black

Electrical:

Rated Voltage: 9 VDC

Rated Current: 3 A

Contact resistance: 30 mohms max

When the current is greater than 1A then need to increase the time delay circuit (3 second)

Mechanical:

Spring Force: 280g±20% @ 1.5mm working stroke

Full stroke: 1.7mm

Machanical Test: 20,000 Cycles

Temperature Rating:

Operating temperature: −40°C to +105°C

Environmental:

Salt spray: 48H

Lead free, RoHS compliant.

RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE MILLIMETERS
TOLERANCES: EXCEPT AS NOTED

MM		HOLES	
.X	± .25		
.XX	± .15	Ø.XX	±.15
.XXX	± .05		

APPROVALS		DATE
DRAWN	AY	3/4/19
CHECKED	TW	3/4/19
APPROVED		

ADAM TECH INTERCONNECTS
909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710

TITLE: DIP SPRING LOADED PIN, STRAIGHT WATERPROOF

SIZE	PART NO.	REV.
X	PH-MVP-5080-10/10-WP	B

REF:	SCALE:	SHEET
S00170C	NTS	1 OF 1