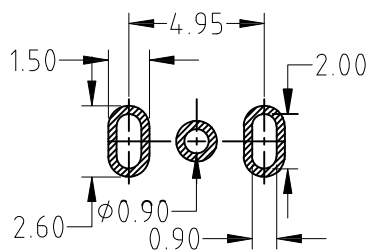


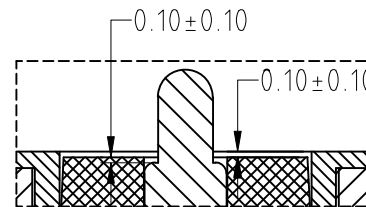
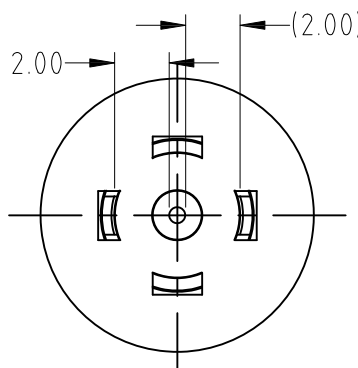
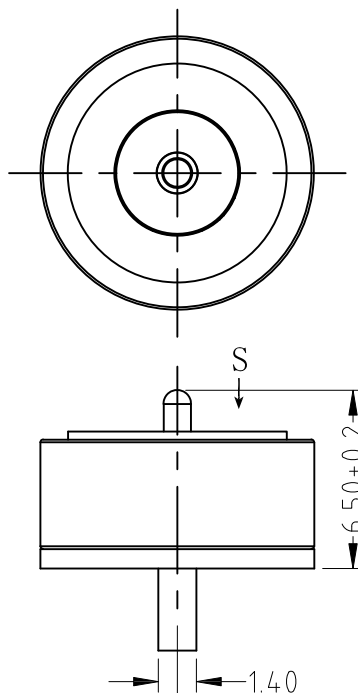
APPROVED: _____

DATE: _____ TITLE: _____

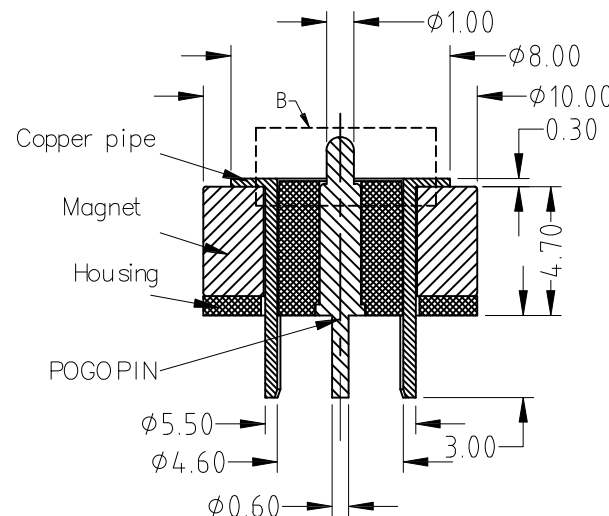
Rev	AWO #	Description	Date	Appr
-		RELEASED	1/14/19	
A		UPDATE DRAWING	8/25/20	AY/DH
B		UPDATE DRAWING	12/1/23	LH/JL



Recommended pcb layout
layout tolerance: $\pm 0.05\text{mm}$



DETAIL B



SPECIFICATIONS:

Material:

Insulator: Hi-Temp Thermoplastic, rated UL 94V-0

Insulator color: Black

Plugnger: 10u" (0.25um) Gold plated over Nickel

Barrel: 5u" (0.125um) Gold plated over Nickel

Copper pipe: Brass, Nickel plated

Magnet: N35 NdFeB, Ni-Cu-Ni plated

Lucency: lessel67 Glue

Electrical:

Rated Current & Voltage: 12VDC, 3A

Contact resistance: 30 mohms max

Mechanical:

Contact force: 80g $\pm$ 20g @ 1.1mm working stroke

Full stroke: 1.60mm

Durability: 20,000 Cycles

Temperature Rating:

Operating temperature: -30°C to +60°C

Environmental:

Lead free, RoHS compliant.



Mating with: PHR-C4777-02A-FVP-800

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

Millimeters	ANGLE
0~6 ± 0.10	
6~30 ± 0.20	$\pm 2^\circ$
30~150 ± 0.30	

DRAWN	LH	12/1/23
CHECKED	JL	12/1/23
APPROVED		

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY
AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN
PERMISSION FROM ADAM TECH



TITLE
POGO PIN CHARGING DOCKING, MALE, STRAIGHT

SIZE X PART NO. PHR-C4777-02A-MVP-800 REV. -

REF: S00170C SCALE: NTS SHEET 1 OF 1