

## AOSense Miniature Kinematic Mount

The AOS-KM-2 is designed for applications requiring small form factor, such as compact lasers and optical systems. The non-magnetic materials used in its construction are ideal for applications requiring low magnetic field, such as atomic clocks, laser spectroscopy, and quantum technologies. The actuators have 200 TPI (0.127 mm pitch) resolution. Sapphire jewel pads enhance stability and reduce thermal drift.

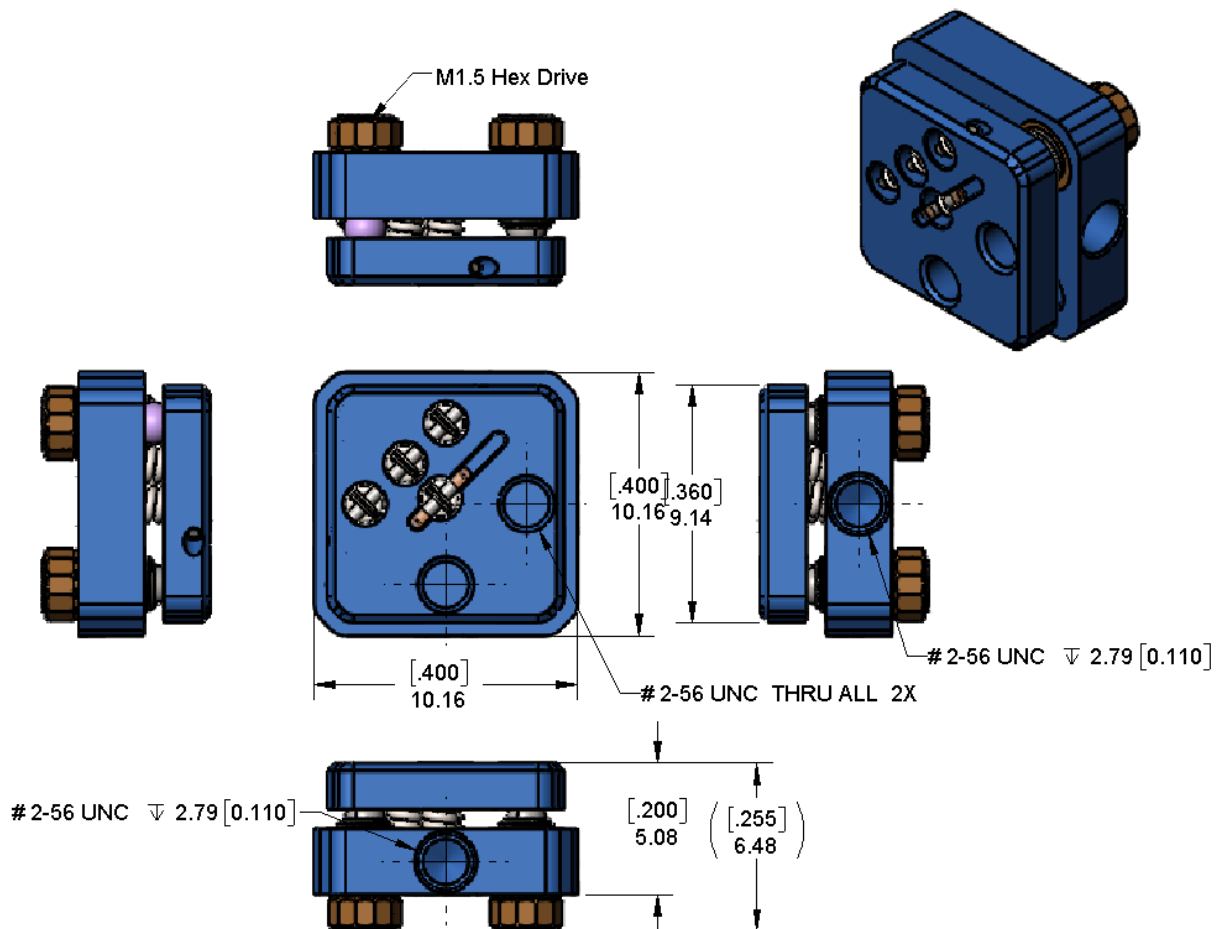


### Features

- 🌀 **Tiny**
- 🌀 **Stable**
- 🌀 **Non-magnetic**
- 🌀 **UHV compatible**

## Specifications

<b>AOS-KM-2</b>	
<b>Dimensions (L x W x H)</b>	10.2 x 10.2 x 5.1 mm (0.4 x 0.4 x 0.2 in.)
<b>Maximum angular range of motion</b>	+/- 4.6 degrees
<b>Weight</b>	1.18 g
<b>Performance</b>	
<b>Acceleration Sensitivity</b>	10 G
<b>Thermal Drift over 25oC</b>	<20 micro-radians
<b>Features</b>	
<b>Low Magnetic Permeability</b>	0.5-1.0 G (depending on orientation)
<b>UHV compatible</b>	Yes. Also available anodized black
<b>RoHS Compliant</b>	Yes



For more information, contact us at [sales@aosense.com](mailto:sales@aosense.com).