Can-Style Mount Series
A compact, all-attitude isolator for mounting equipment for aircraft, shipboard and vehicular applications

Applications
- Military electronics (shipboard, vehicle)
- Electronics for rotary wing and propeller driven aircraft
- Avionics & electronics
- Racking and tray systems

Shock and Vibe
- Provides excellent vibration attenuation at frequencies above 40 hertz
- Survives a 30g, 11 millisecond half-sine shock pulse

Attributes
- Fail-safe design, all attitude isolator
- Axial to radial stiffness ration 1:1
- Compact, low profile design
- Easy to install
- High damped silicone
- Isolates equipment under 5g’s sustained

Specifications
- Natural Frequency—15-40 Hertz
- Transmissibility at resonance—4.0 max.
- Resilient Element—Hi-damped silicone
- Standard materials—Varies with model
- Weight—1766 = 1.07 lbs 1767 = 1.21 lbs. 1769 = 1.33 lbs

Elastomeric data
- Hi-Damp Silicone operating temperature range is –67°F to +300°F (-55°C to +150°C)
- Passes MIL-E-5400 requirements for resistance to ozone, humidity, salt spray and fungus
- Passes MIL-S-901 lightweight Grade B high impact shock test requirements
## Can-Style Mount Series: 1766

### Dimension and Performance Characteristics

<table>
<thead>
<tr>
<th>Part #</th>
<th>Maximum Axial Compression</th>
<th>Load (lbs.) Radial</th>
<th>Axial Natural Frequency (hz)</th>
<th>Transmissibility at Resonance</th>
<th>Standard Material</th>
<th>Standard Elastomer</th>
<th>Mounting Hole Diameter “A”</th>
</tr>
</thead>
<tbody>
<tr>
<td>1766-1</td>
<td>1</td>
<td>1</td>
<td>24</td>
<td>4:1</td>
<td>Steel &amp; Aluminum</td>
<td>Hi-Damp Silicone</td>
<td>Ø .162</td>
</tr>
<tr>
<td>1766-2</td>
<td>2</td>
<td>2</td>
<td>22</td>
<td>4:1</td>
<td>Steel &amp; Aluminum</td>
<td>Hi-Damp Silicone</td>
<td>Ø .162</td>
</tr>
<tr>
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<td>3</td>
<td>3</td>
<td>23</td>
<td>4:1</td>
<td>Steel &amp; Aluminum</td>
<td>Hi-Damp Silicone</td>
<td>Ø .162</td>
</tr>
<tr>
<td>1766-5</td>
<td>5</td>
<td>5</td>
<td>22</td>
<td>4:1</td>
<td>Steel &amp; Aluminum</td>
<td>Hi-Damp Silicone</td>
<td>Ø .162</td>
</tr>
</tbody>
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*Optional Black Anodize Finish Available*

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Dimension and Performance Characteristics

[Graphs showing frequency vs. load and axial load/deflection characteristics]