A compact, mid range frequency, general purpose all-attitude isolator for equipment for aircraft, shipboard and vehicular applications.

**Features**
- Fail Safe design, All-Attitude isolator.
- Axial to Radial Stiffness ratio 1:1.
- Compact, low profile design.
- Easy to install.
- High Damped Silicone.
- Isolates equipment under 5G’s sustained loading.

**Load Range**
- 3 load ratings available up to 80 Lbs.
- Can be custom tailored to specific applications.

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

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

The 1769 mount is a mid frequency range all-attitude general purpose isolator for isolating sensitive electronics equipment for shipboard, aircraft and vehicular applications. These isolators are ideal for mounting to racks or trays systems that need a fail safe, high frequency vibration and low transmissibility at resonance isolator.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Maximum Load (lbs.)</th>
<th>Axial Natural Frequency (HZ)</th>
<th>Standard Material</th>
<th>Standard Elastomer</th>
<th>Transmissibility at Resonance</th>
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<tbody>
<tr>
<td></td>
<td>Axial Compression</td>
<td>Radial</td>
<td></td>
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<td>1766-1</td>
<td>35</td>
<td>35</td>
<td>18</td>
<td>Steel &amp; Aluminum</td>
<td>Hi-Damp Silicone</td>
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<td>1766-3</td>
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<td>80</td>
<td>18</td>
<td>Steel &amp; Aluminum</td>
<td>Hi-Damp Silicone</td>
</tr>
</tbody>
</table>

**Environmental data**
Hi-Damp Silicone operating temperature range is –67°F to +300°F (-55°C to +150°C)
Passes Mil-E-5400 requirement for ozone, humidity, salt spray and fungus
Passes Mil-S-901 lightweight Grade B high impact shock test.
Axial Load Deflection Curve for 1769