

LP001 SERIES

Natural frequency	27 Hz and higher
Transmissibility at resonance	3.5 to 8.0
Resilient Element	VHDS Silicone, Silicone and Fluorosilicone
Metal Parts	Aluminum alloy base plate and CRES core
Maximum input at resonance	.011 in. D.A.
Weight	0.05 oz.
Maximum rated load	0.5 lbs



Installation

- 1 No special tools required
- 1 Through holes in base plate and tapped center core for standard hardware
- 1 Supporting surface must have a center through hole to allow for inner member motion in all axes
- 1 Mounts can be installed back-to-back as shown below. This type of mounting doubles the rated load and the spring rate

Applications

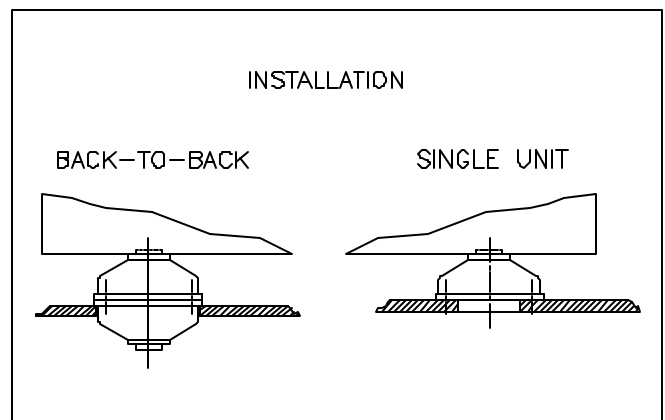
- 1 Electronic equipment in constrained environments where small/low profile installation is critical
- 1 Airborne avionics
- 1 Radar electronics
- 1 Navigation/Guidance Systems
- 1 Disc drives

Characteristics

- 1 Axial-to-radial stiffness ratio is approx. 1:1
- 1 Low transmissibility at resonance
- 1 Requires minimal space for installation

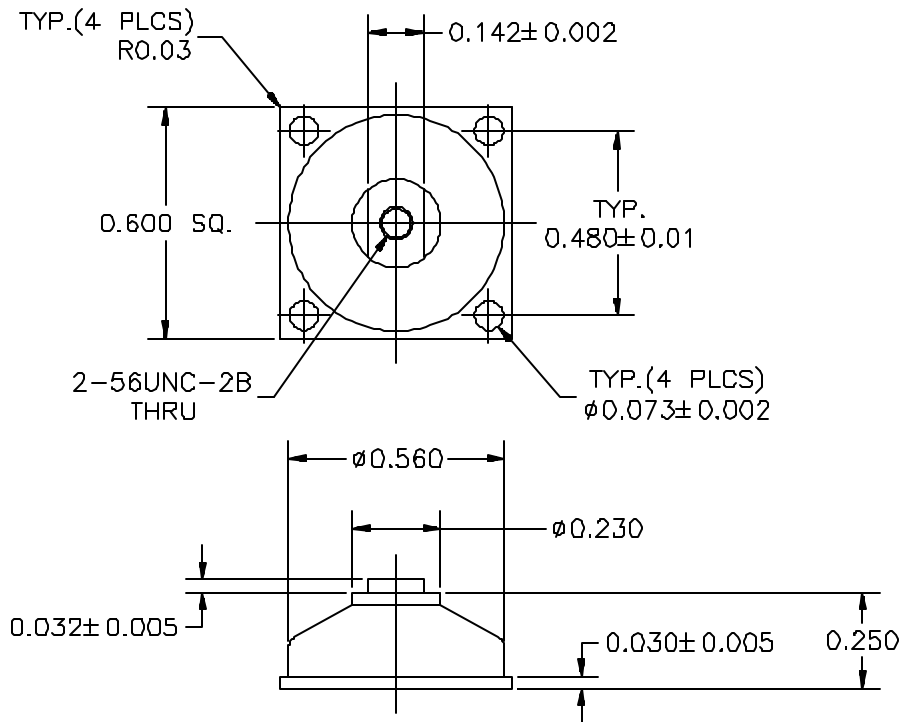
Environment

- 1 VHDS silicone elastomer and silicone have an operating temperature range of - 67°F to + 300°F (-55°C to +150°C). Fluorosilicone is limited to -40°F. (-40°C)
- 1 VHDS silicone limits transmissibility at resonance to 3.5 max. Silicone yields a transmissibility of 4 to 8
- 1 Fluorosilicone elastomer or fluorosilicone coating are available for use in adverse environments (salt, oil, sand, etc.)



How to order

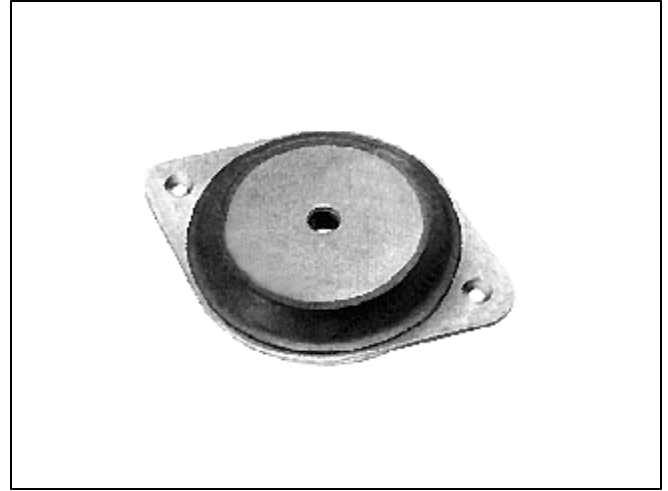
- 1 Select the standard isolator from the load rating table (reverse side)
- 1 For non-standard items contact Shock-Tech



Part Number	Maximum static load (lbs)	Transmissibility at resonance (Max.)	Axial natural frequency	Dynamic axial spring rate
LP001-S01	0.5	3.5	32	55
LP001-S02	0.5	3.5	36	65
LP001-S03	0.5	3.5	41	85
LP001-S04	0.5	3.5	43	95
LP001-S05	0.5	3.5	50	125
LP001-S06	0.5	3.5	55	152
LP001-S07	0.5	3.5	63	205
LP001-H08	0.5	8	27	37
LP001-H09	0.5	8	30	43
LP001-H10	0.5	8	33	55
LP001-H11	0.5	8	38	72
LP001-H12	0.5	8	44	98

LP004 SERIES

Natural frequency	52 Hz and higher
Transmissibility at resonance	3.5 to 8.0
Resilient Element	VHDS Silicone, Silicone and Fluorosilicone
Metal Parts	Aluminum Alloy
Maximum input at resonance	.011 in. D.A.
Weight	0.14 oz.
Maximum rated load	2.0 lbs



Applications

- 1 Electronic equipment in constrained environments where low-profile installation is critical
- 1 Airborne avionics
- 1 Radar electronics
- 1 Navigation/Guidance Systems
- 1 Disk drives

Characteristics

- 1 Axial-to-radial stiffness ratio is approx. 1:1
- 1 Low transmissibility at resonance
- 1 Requires minimum height for installation

Environment

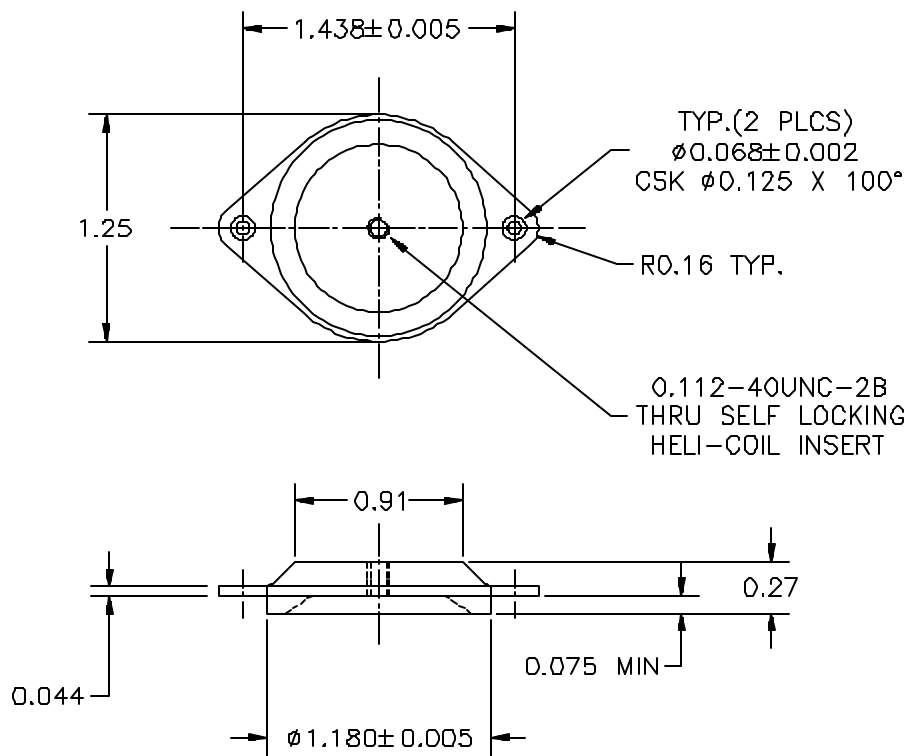
- 1 VHDS silicone elastomer and silicone have an operating temperature range of -67°F to +300°F (-55°C to +150°C) Fluorosilicone is limited to -40°F. (-40°C)
- 1 VHDS silicone limits transmissibility at resonance to 3.5 max. Silicone yields a transmissibility of 4 to 8
- 1 Fluorosilicone elastomer or fluorosilicone coating are available for use in adverse environments (salt, oil, sand, etc.)

Installation

- 1 No special tools required
- 1 Through holes in base plate and threaded, stainless steel insert in the core
- 1 Supporting surface must have a center through hole, 1.190 min, for mount installation

How to order

- 1 Select the standard isolator from the load rating table (reverse side)
- 1 For non-standard items contact Shock-Tech



Part Number	Maximum static load (lbs)	Transmissibility at resonance (Max.)	Axial natural frequency	Dynamic axial spring rate
LP004-S01	2.0	3.5	63	800
LP004-S02	2.0	3.5	70	1000
LP004-S03	2.0	3.5	78	1250
LP004-S04	2.0	3.5	90	1650
LP004-S05	2.0	3.5	104	2190
LP004-S06	2.0	3.5	120	2875
LP004-S07	2.0	3.5	140	4000
LP004-H08	2.0	8	52	550
LP004-H09	2.0	8	57	665
LP004-H10	2.0	8	65	875
LP004-H11	2.0	8	75	1130
LP004-H12	2.0	8	90	1680