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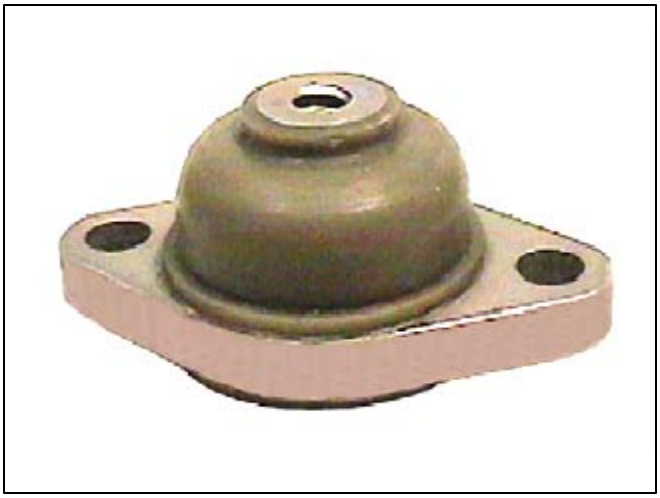
LP01 SERIES

Natural frequency (Nominal)	15 Hz and higher
Transmissibility at resonance	3.5 to 8 depending on the type of elastomer
Resilient Element	VHDS Silicone, Silicone and Fluorosilicone
Metal Parts	Aluminum alloy chromate treated per MIL-C-5541 cl.1A
Maximum input at resonance	.036 in. D.A.
Weight	.21 oz.
Maximum rated load	3 lbs



Applications

- Electronic equipment in constrained environments where low-profile installation is critical
- Airborne avionics
- Engine/Aircraft accessories
- Radar equipment
- Missile gyro platform
- Inertial guidance and navigation systems

Characteristics

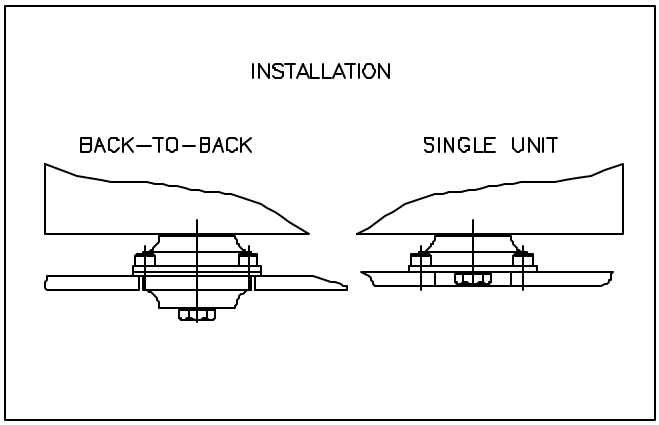
- Axial-to-radial stiffness ratio is approx. 0.8:1.
- Linear deflection characteristics. Good returnability
- Low transmissibility at resonance
- Requires minimal space for installation
- Can be used as a single unit or back- to- back

Environment

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

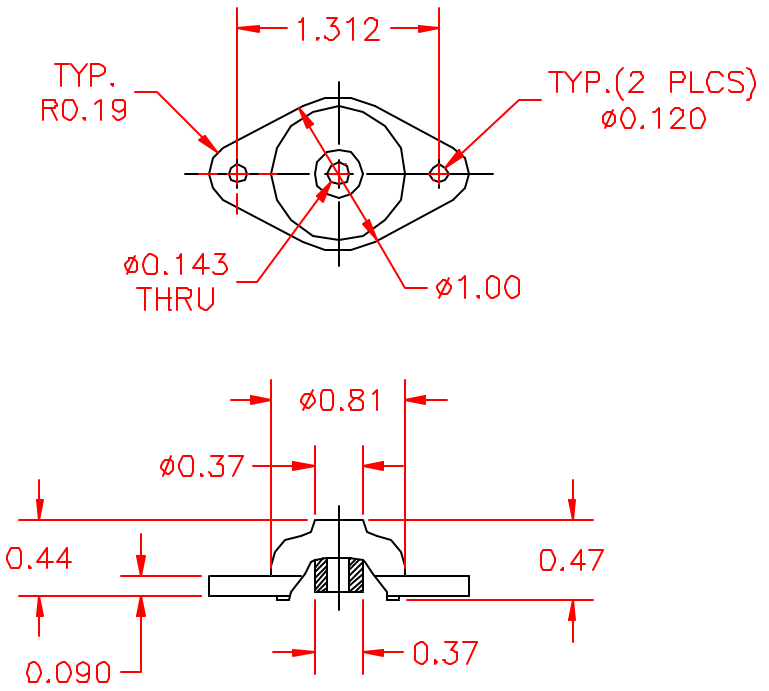
Installation

- No special tools required
- Central core and mounting plate have through holes for standard size hardware
- Supporting surface must have a clearance hole to allow for isolator movement in all axes
- The mounts can be installed back-to-back as shown in the figure installation , thereby doubling the rated load and the spring rate
- Install with rubber washers to meet fail safe requirement



How to order

- Select the standard isolator from the load rating table
- For non-standard items contact Shock-Tech
- Also available in C version 8-32UNC2B



Part Number	Maximum static load (lbs)	Transmissibilit at resonance (Max.)	Axial natural frequency	Dynamic axial spring rate	Dynamic radial spring rate
LP01-S01	3	3.5	17	89	74
LP01-S02	3	3.5	19	104	87
LP01-S03	3	3.5	20	122	102
LP01-S04	3	3.5	22	143	119
LP01-S05	3	3.5	23	164	137
LP01-S06	3	3.5	25	187	156
LP01-S07	3	3.5	27	215	179
LP01-S08	3	3.5	29	247	206
LP01-S09	3	3.5	31	284	237
LP01-H11	3	8	15	68	57
LP01-H12	3	8	17	90	75
LP01-H13	3	8	20	117	98
LP01-H14	3	8	22	146	122
LP01-H15	3	8	25	195	163

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LP01 SERIES

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LP02 SERIES

Natural frequency (Nominal)	13 Hz and higher
Transmissibility at resonance	3.5 to 8
Resilient Element	VHDS Silicone, Silicones, Fluorosilicone and EPDM
Metal Parts	Aluminum alloy chromate treated per MIL-C-5541 cl.1A
Maximum input at resonance	.060 in. D.A.
Weight	.27 oz.
Maximum rated load	3.5 lbs

Applications

- Electronic equipment in constrained environments where low-profile installation is critical
- Airborne avionics
- Engine/Aircraft accessories
- Radar equipment
- Missile gyro platform
- Inertial guidance and navigation systems

Characteristics

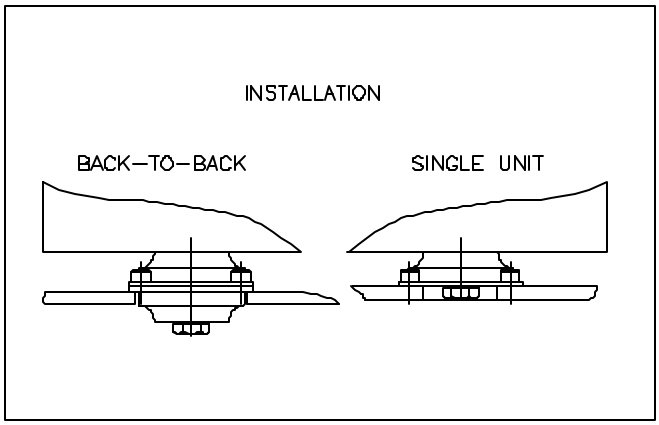
- Axial-to-radial stiffness ratio is approx. 1:1.
- Linear deflection characteristics. Good returnability
- Low transmissibility at resonance
- Requires minimal space for installation
- Can be used as a single unit or back-to-back

Environment

- 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)
- VHDS silicone limits the transmissibility to 3.5 or less. Silicone yields a transmissibility of 4 to 8
- Fluorosilicone elastomer or fluorosilicone coating are available for use in adverse environments (salt, oil, sand, etc.)

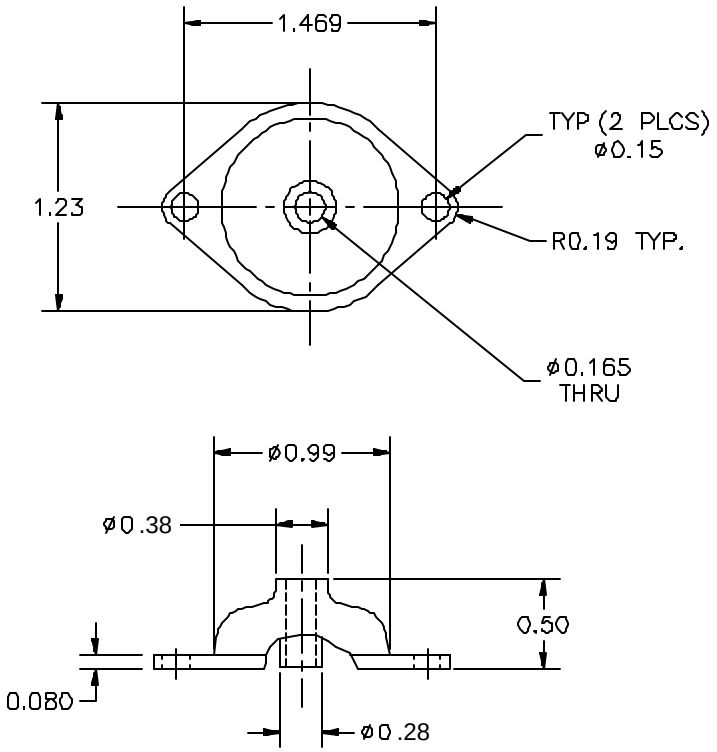
Installation

- No special tools required
- Central core and mounting plate have through holes for standard size hardware
- Supporting surface must have a clearance hole to allow for isolator movement in all axes
- The mounts can be installed back-to-back as shown in the figure installation , thereby doubling the rated load and the spring rate
- Install with rubber washers to meet fail safe requirement



How to order

- Select the standard isolator from the load rating table.
- For non-standard items, contact Shock-Tech



Part Number	Maximum static load (lbs)	Transmissibility at resonance (Max.)	Axial natural frequency	Dynamic axial spring rate	Dynamic radial spring rate
LP02-S01	3.5	3.5	14	71	71
LP02-S02	3.5	3.5	15	84	84
LP02-S03	3.5	3.5	17	98	98
LP02-S04	3.5	3.5	18	114	114
LP02-S05	3.5	3.5	19	131	131
LP02-S06	3.5	3.5	20	150	150
LP02-S07	3.5	3.5	22	173	173
LP02-S08	3.5	3.5	23	197	197
LP02-S09	3.5	3.5	25	226	226
LP02-H01	3.5	8	13	63	63
LP02-H02	3.5	8	15	82	82
LP02-H03	3.5	8	17	107	107
LP02-H04	3.5	8	19	134	134
LP02-H05	3.5	8	22	179	179
LP02-EPDM01	3.5	7	16	92	92

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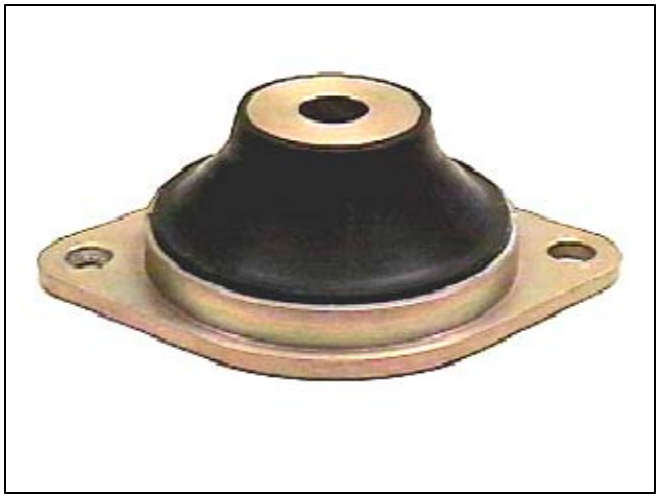
LP02 SERIES

Tel: 845-368-8600 - **Fax**: 845-369-8799 - **Email**: info@shocktech.com

LP03 SERIES

Natural frequency (Nominal)	16 Hz and higher
Transmissibility at resonance	3.5 to 8
Resilient Element	VHDS Silicone, Silicone and Fluorosilicone
Metal Parts	Aluminum alloy chromate treated per MIL-C-5541 cl.1A
Maximum input at resonance	.036 in. D.A.
Weight	.34 oz.
Maximum rated load	4.5 lbs



Applications

- Electronic equipment in constrained environments where low-profile installation is critical
- Airborne avionics
- Engine/Aircraft accessories
- Radar equipment
- Missile gyro platform. Inertial guidance and navigation systems

Characteristics

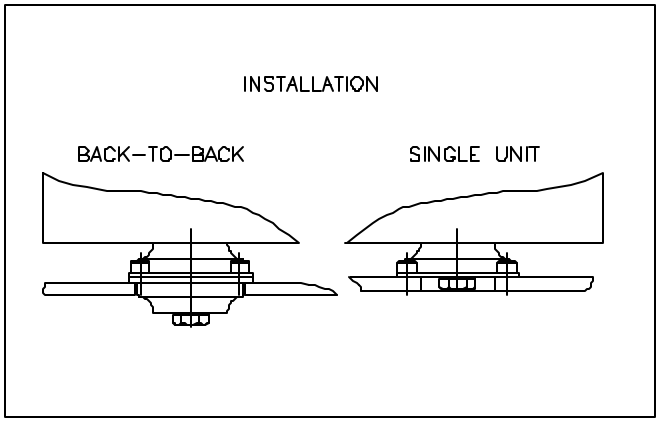
- Axial-to-radial stiffness ratio is approx. 1.1:1.
- Linear deflection characteristics. Good returnability
- Low transmissibility at resonance
- Requires minimal space for installation
- Can be used as a single unit or back to back

Environment

- 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)
- VHDS silicone limits the transmissibility to 3.5 or less. Silicone yields a transmissibility of 4 to 8.
- Fluorosilicone elastomer or fluorosilicone coating are available for use in adverse environment (salt, oil, sand, etc.)

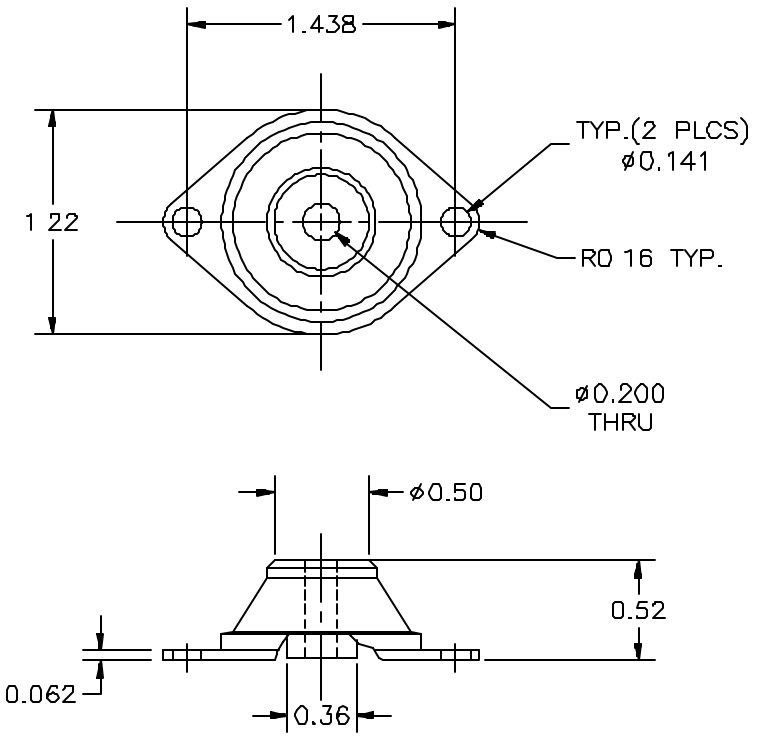
Installation

- No special tools required
- Central core and mounting plate have through holes for standard size hardware
- Supporting surface must have a clearance hole to allow for isolator movement in all axes
- The mounts can be installed back-to-back as shown in the installation below , thereby doubling the rated load and the spring rate
- Install with rubber washers to meet fail safe requirement



How to order

- Select the standard isolator from the load rating table
- For non-standard items, contact Shock-Tech



Part Number	Maximum static load (lbs)	Transmissibility at resonance (Max.)	Axial natural frequency	Dynamic axial spring rate	Dynamic radial spring rate
LP03-S01	4.5	3.5	18	152	169
LP03-S02	4.5	3.5	20	178	198
LP03-S03	4.5	3.5	21	209	232
LP03-S04	4.5	3.5	23	244	271
LP03-S05	4.5	3.5	25	278	309
LP03-S06	4.5	3.5	26	319	354
LP03-S07	4.5	3.5	28	367	408
LP03-S08	4.5	3.5	30	421	468
LP03-S09	4.5	3.5	33	482	536
LP03-H01	4.5	8	16	117	130
LP03-H02	4.5	8	18	153	170
LP03-H03	4.5	8	21	200	222
LP03-H04	4.5	8	23	251	279
LP03-H05	4.5	8	27	333	370

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LP03 SERIES

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LP04 SERIES

Natural frequency (Nominal)	12 Hz and higher
Transmissibility at resonance	3.5 to 8
Resilient Element	VHDS Silicone, Silicone and Fluorosilicone
Metal Parts	Stainless steel
Maximum input at resonance	.10 in. D.A.
Weight	.46 oz.
Maximum rated load	4 lbs

Applications

- Electronic equipment in constrained environments where low-profile installation is critical
- Airborne avionics
- Engine/Aircraft accessories
- Radar equipment
- Missile gyro platform. Inertial guidance and navigation systems

Characteristics

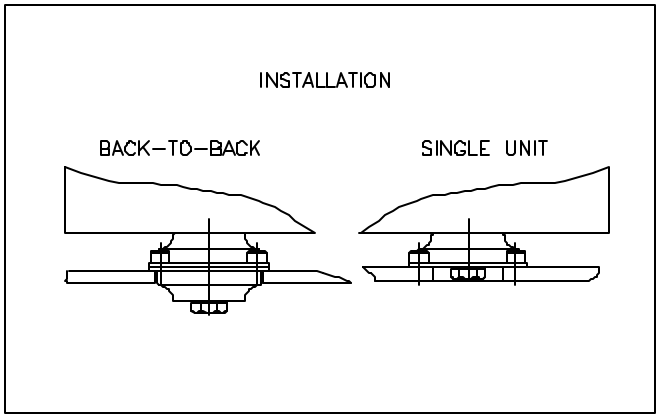
- Axial-to-radial stiffness ratio is approx. 1.1:1.
- Linear deflection characteristics. Good returnability
- Low transmissibility at resonance
- Requires minimal space for installation
- Can be used as a single unit or back-to-back

Environment

- 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)
- VHDS silicone limits the transmissibility to 3.5 or less. Silicone yields a transmissibility of 4 to 8
- Fluorosilicone elastomer or fluorosilicone coating are available for use in adverse environments (salt, oil, sand, etc.)

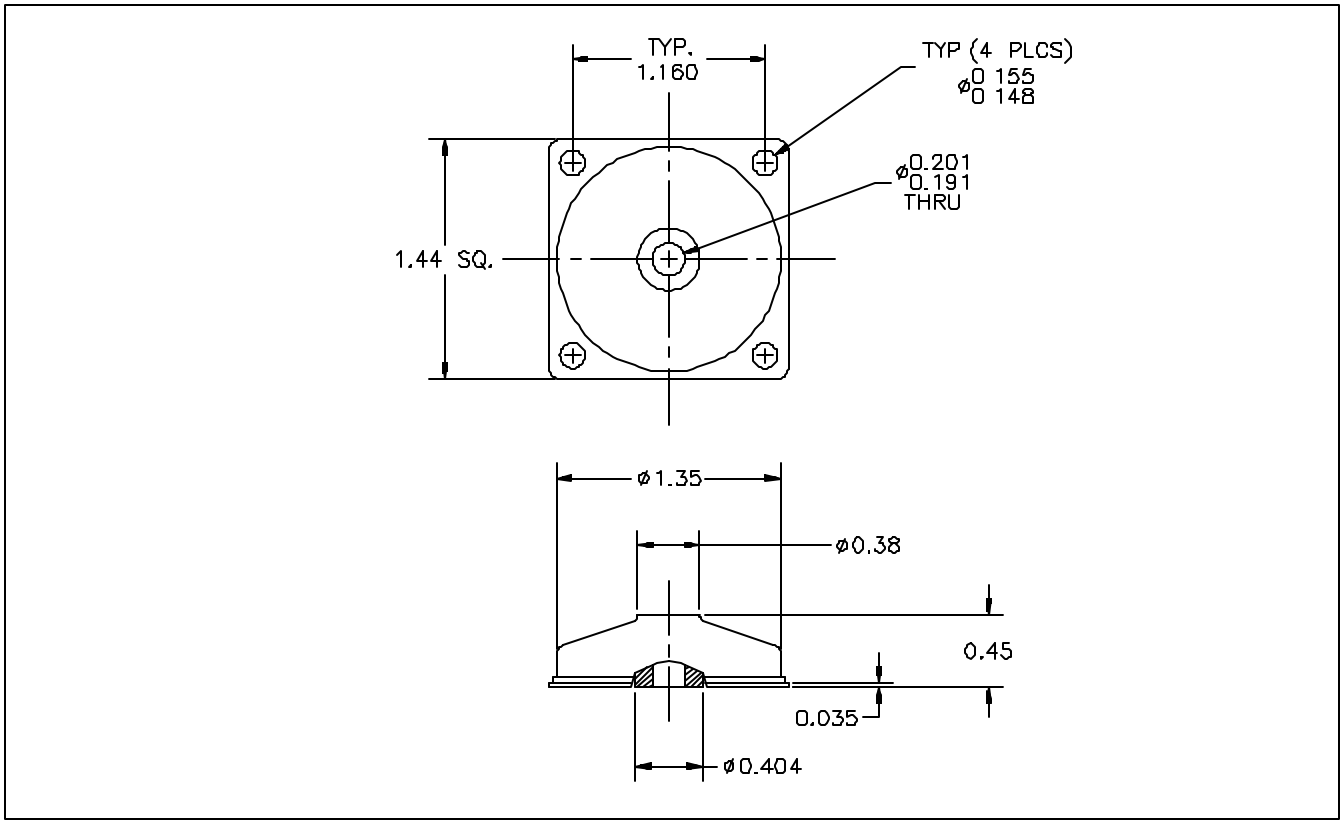
Installation

- No special tools required
- Central core and mounting plate have through holes for standard size hardware
- Supporting surface must have a clearance hole to allow for isolator movement in all axes
- The mounts can be installed back-to-back as shown in the installation below, thereby doubling the rated load and the spring rate.
- Install with rubber washers to meet fail safe requirement



How to order

- Select the standard isolator from the load rating table
- For non-standard items contact Shock-Tech



Part Number	Maximum static load (lbs)	Transmissibility at resonance (Max.)	Axial natural frequency	Dynamic axial spring rate	Dynamic radial spring rate
LP04-S01	4	3.5	13	71	79
LP04-S02	4	3.5	14	84	93
LP04-S03	4	3.5	15	98	109
LP04-S04	4	3.5	17	114	127
LP04-S05	4	3.5	18	131	146
LP04-S06	4	3.5	19	150	167
LP04-S07	4	3.5	21	173	192
LP04-S08	4	3.5	22	197	219
LP04-S09	4	3.5	23	226	251
LP04-H01	4	8	12	61	68
LP04-H02	4	8	14	80	89
LP04-H03	4	8	16	104	116
LP04-H04	4	8	18	130	144
LP04-H05	4	8	21	173	192

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LP04 SERIES

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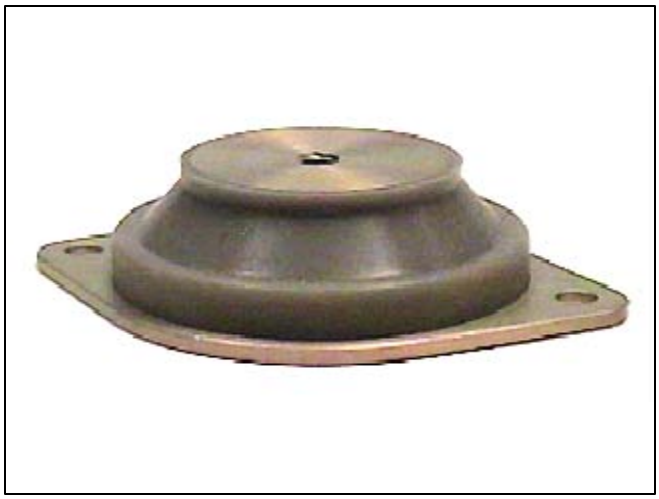
LP05 SERIES

Natural frequency (Nominal)	24 Hz and higher
Transmissibility at resonance	3.5 to 8 depending on type of elastomer
Resilient Element	VHDS Silicone, Silicone and Fluorosilicone
Metal Parts	Aluminum alloy chromate treated per MIL-C-5541 cl.1A
Maximum input at resonance	.036 in. D.A.
Weight	.67 oz.
Maximum rated load	6 lbs



Applications

- Electronic equipment in constrained environments where low-profile installation is critical
- Airborne avionics
- Engine/Aircraft accessories
- Radar equipment
- Missile gyro platform. Inertial guidance and navigation systems

Characteristics

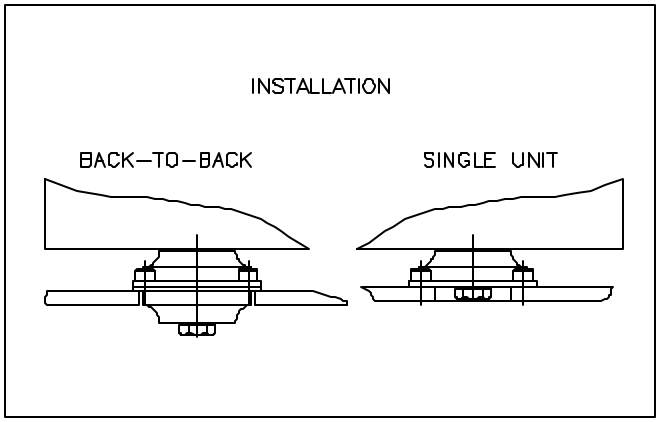
- Wide load range.
- Axial-to-radial stiffness ratio is approx. 0.8:1.
- Linear deflection characteristics. Good returnability
- Low transmissibility at resonance
- Requires minimal space for installation
- Can be used as a single unit or back-to-back

Environment

- 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)
- VHDS silicone limits the transmissibility to 3.5 or less. Silicone yields a transmissibility of 4 to 8
- Fluorosilicone elastomer or fluorosilicone coating are available for use in adverse environments (salt, oil, sand, etc.)

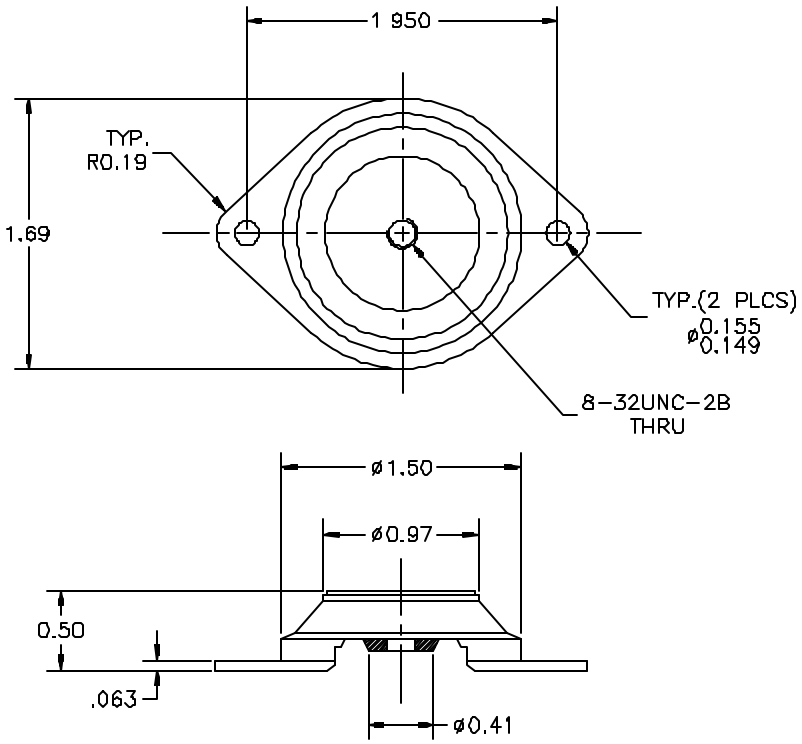
Installation

- No special tools required
- Central core and mounting plate have through holes for standard size hardware
- On all LP series supporting surface must have a clearance hole to allow for isolator movement in all axes
- The mounts can be installed back-to-back as shown in the figure installation, thereby doubling the rated load and the spring rate
- Install with rubber washers to meet fail safe requirement



How to order

- Select the standard isolator from the load rating table.
- For non-standard items, contact Shock-Tech



Part Number	Maximum static load (lbs)	Transmissibility at resonance (Max.)	Axial natural frequency	Dynamic axial spring rate	Dynamic radial spring rate
LP05-S01	6	3.5	24	356	272
LP05-S02	6	3.5	26	414	318
LP05-S03	6	3.5	28	485	373
LP05-S04	6	3.5	31	566	435
LP05-S05	6	3.5	33	647	498
LP05-S06	6	3.5	35	743	572
LP05-S07	6	3.5	37	854	657
LP05-S08	6	3.5	40	979	753
LP05-S09	6	3.5	43	1121	862
LP05-H01	6	8	26	426	328
LP05-H02	6	8	30	557	428
LP05-H03	6	8	35	726	558
LP05-H04	6	8	39	905	696
LP05-H05	6	8	45	1210	931

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LP05 SERIES

Tel: 845-368-8600 - **Fax**: 845-369-8799 - **Email**: info@shocktech.com

LP06 SERIES

Natural frequency (Nominal)	20 Hz and higher
Transmissibility at resonance	3.5 to 8
Resilient Element	VHDS Silicone, Silicone and Fluorosilicone
Metal Parts	Aluminum alloy chromate treated per MIL-C-5541 cl. 1A
Maximum input at resonance	.036 in. D.A.
Weight	.82 oz.
Maximum rated load	10 lbs

Applications

- Electronic equipment in constrained environments where low-profile installation is critical
- Airborne avionics
- Engine/Aircraft accessories
- Radar equipment
- Missile gyro platform. Inertial guidance and navigation systems

Characteristics

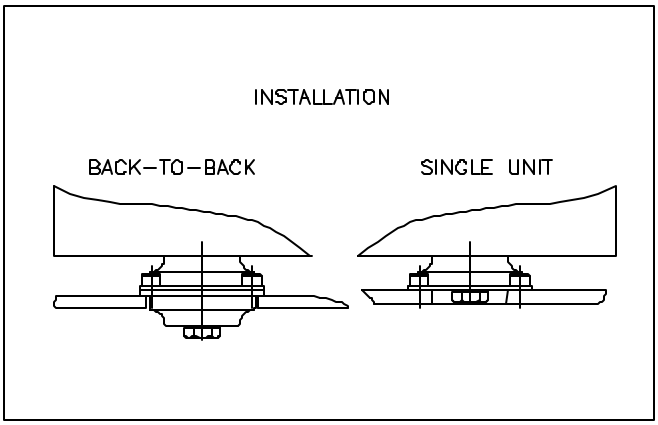
- Axial-to-radial stiffness ratio is approx. 0.9:1.
- Linear deflection characteristics. Good returnability
- Low transmissibility at resonance
- Requires minimal space for installation
- Fail-safe when mounted back-to-back

Environment

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

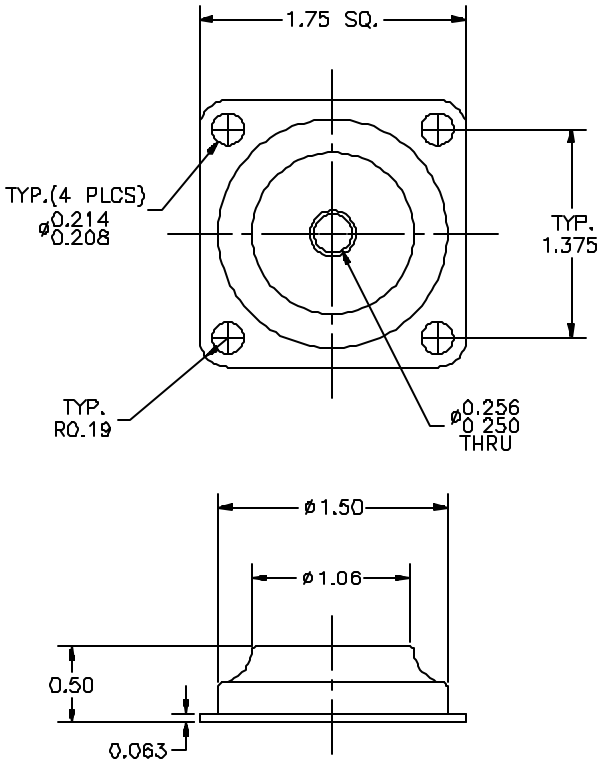
Installation

- No special tools required
- Central core and mounting plate have through holes for standard size hardware
- Supporting surface must have a large center clearance hole to allow the mount inner member to deflect in all axes
- The mounts can be installed back-to-back as shown in the installation below, thereby doubling the rated load and the spring rate



How to order

- Select the standard isolator from the load rating table
- For non-standard items contact Shock-Tech
- Also available with 1/4-20UNC-2B, suffix : C



Part Number	Maximum static load (lbs)	Transmissibility at resonance (Max.)	Axial natural frequency	Dynamic axial spring rate	Dynamic radial spring rate
LP06-S09	10	3.5	24	407	384
LP06-S10	10	3.5	24	494	450
LP06-S11	10	3.5	24	581	528
LP06-S12	10	3.5	26	681	619
LP06-S13	10	3.5	28	798	725
LP06-S14	10	3.5	30	932	847
LP06-S15	10	3.5	32	1065	968
LP06-S16	10	3.5	35	1221	1110
LP06-S17	10	3.5	37	1405	1277
LP06-S18	10	3.5	40	1611	1465
LP06-S19	10	3.5	43	1844	1676
LP06-H11	10	8	23	550	500
LP06-H12	10	8	27	719	654
LP06-H13	10	8	30	938	853
LP06-H14	10	8	34	1169	1063
LP06-H15	10	8	39	1563	1421

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LP06 SERIES