

STANDARD 4-LAYER ELEMENTS USED AS BENDING MOTORS, $\pm 262 \mu\text{m}$ VERSION & $\pm 1,050 \mu\text{m}$ VERSION

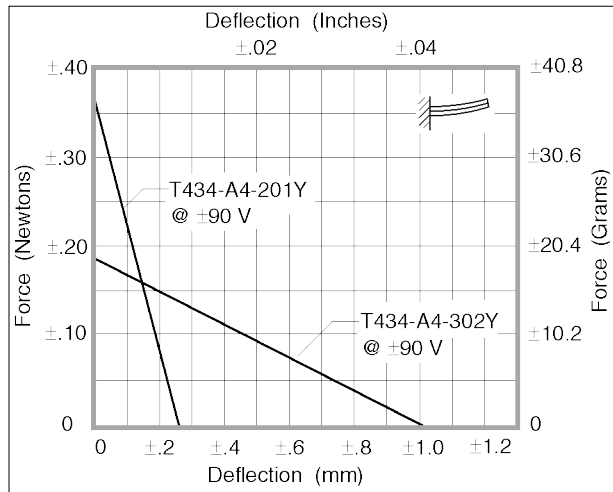


DESCRIPTION

The 4-Layer Bending Elements deliver a relatively high motion and force in a small package. Their low magnetic permeability allows them to be used in many applications requiring non-magnetic actuators.

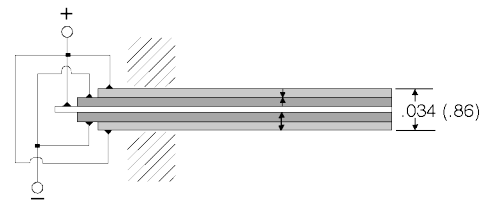
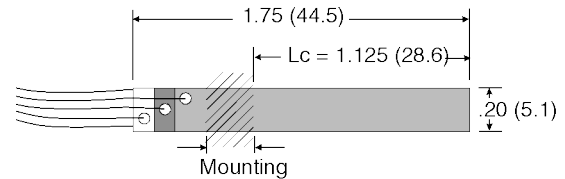
“Off-the-shelf” delivery. Custom configurations and sizes upon request.

ROHS: Compliant. Piezo exempt.

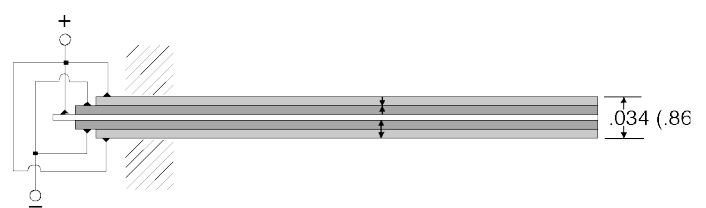
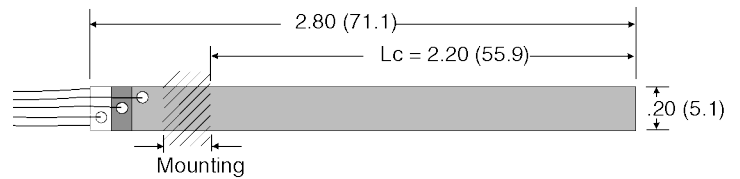


DIMENSIONS

T434-A4-201 Dimensions



T434-A4-302 Dimensions



PERFORMANCE: 4-LAYER BENDER (Cantilever length, L_c , shown above)

VALUES TO BE USED AS GUIDELINES

PART NUMBER	PIEZO MATERIAL	WEIGHT	STIFFNESS	CAPACITANCE	MAXIMUM VOLTAGE	RESONANT FREQUENCY	FREE DEFLECTION	BLOCKED FORCE
		grams	N/m	nF	$\pm V_p$	Hz	$\pm \mu\text{m}$	$\pm \text{N}$
T434-A4-201	5A4E	1.8	1.4×10^3	77	± 90	440	± 262	$\pm .36$
T434-A4-302	5A4E	2.6	1.8×10^2	110	± 90	112	$\pm 1,000$	$\pm .18$

ORDERING INFORMATION

4-Layer Bending Element, $\pm 262 \mu\text{m}$
4-Layer Bending Element, $\pm 1,050 \mu\text{m}$

PART NO.

T434-A4-201
T434-A4-302

1 pc.

\$219
\$274

5 pc.

\$164
\$197

25 pc.

\$120
\$142

100 pc.

\$98
\$109