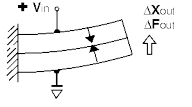
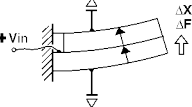


### 2-PIEZO LAYER BENDING MOTORS STANDARD - BRASS REINFORCED

PERFORMANCE: BRASS SHIM BENDING MOTORS (Cantilever Mount)								VALUES TO BE USED AS GUIDELINES		
PART NUMBERS (BRASS REINFORCED BENDER)		WEIGHT (Grams)	STIFFNESS (N/m)	CAPACITANCE (nF) (Series Operation)	CAPACITANCE (nF) (Parallel Operation)	RATED VOLTAGE (Vp) (Series Operation)	RATED VOLTAGE (Vp) (Parallel Operation)	RESONANT FREQUENCY ① (Hz)	FREE DEFLECTION ① (µm)	BLOCKED FORCE ① (N)
										
X-poled for series bending operation (2 wire).										
Y-poled for parallel bending operation (3 wire).										
<b>.015" (.38mm) THICK</b>										
T215-A4-103X	T215-A4-103Y	.30	1.3x10 <sup>2</sup>	5	20	± 120	± 60	270	± 300	± .04
T215-A4-203X	T215-A4-203Y	.60	2.7x10 <sup>2</sup>	10	40	± 120	± 60	270	± 300	± .08
T215-A4-303X	T215-A4-303Y	1.2	5.3x10 <sup>2</sup>	20	80	± 120	± 60	270	± 300	± .16
T215-A4-503X	T215-A4-503Y	6.0	1.6x10 <sup>2</sup>	100	400	± 120	± 60	67	± 1200	± .20
T215-H4-103X	T215-H4-103Y	.30	1.3x10 <sup>2</sup>	8	32	± 80	± 40	270	± 300	± .04
T215-H4-203X	T215-H4-203Y	.60	2.7x10 <sup>2</sup>	16	64	± 80	± 40	270	± 300	± .08
T215-H4-303X	T215-H4-303Y	1.2	5.3x10 <sup>2</sup>	32	128	± 80	± 40	270	± 300	± .16
T215-H4-503X	T215-H4-503Y	6.0	1.6x10 <sup>2</sup>	160	640	± 80	± 40	67	± 1200	± .20
<b>.020" (.51mm) THICK</b>										
T220-A4-103X	T220-A4-103Y	.40	2.8x10 <sup>2</sup>	3.5	14	± 180	± 90	350	± 250	± .07
T220-A4-203X	T220-A4-203Y	.80	5.6x10 <sup>2</sup>	7	29	± 180	± 90	350	± 250	± .14
T220-A4-303X	T220-A4-303Y	1.6	1.1x10 <sup>3</sup>	15	58	± 180	± 90	350	± 250	± .28
T220-A4-503X	T220-A4-503Y	8.0	3.5x10 <sup>2</sup>	73	292	± 180	± 90	88	± 1000	± .35
T220-H4-103X	T220-H4-103Y	.40	2.8x10 <sup>2</sup>	6	24	± 120	± 60	350	± 250	± .07
T220-H4-203X	T220-H4-203Y	.80	5.6x10 <sup>2</sup>	12	48	± 120	± 60	350	± 250	± .14
T220-H4-303X	T220-H4-303Y	1.6	1.1x10 <sup>3</sup>	24	96	± 120	± 60	350	± 250	± .28
T220-H4-503X	T220-H4-503Y	8.0	3.5x10 <sup>2</sup>	120	480	± 120	± 60	88	± 1000	± .35
<b>.026" (.66mm) THICK</b>										
T226-A4-103X	T226-A4-103Y	.51	0.7x10 <sup>3</sup>	2.5	10	± 250	± 125	440	± 175	± .13
T226-A4-203X	T226-A4-203Y	1.1	1.5x10 <sup>3</sup>	5	20	± 250	± 125	440	± 175	± .25
T226-A4-303X	T226-A4-303Y	2.1	3.0x10 <sup>3</sup>	10	40	± 250	± 125	440	± 175	± .50
T226-A4-503X	T226-A4-503Y	10.3	0.9x10 <sup>3</sup>	50	200	± 250	± 125	110	± 700	± .62
T226-H4-103X	T226-H4-103Y	.51	0.7x10 <sup>3</sup>	4	16	± 165	± 82	440	± 175	± .13
T226-H4-203X	T226-H4-203Y	1.1	1.5x10 <sup>3</sup>	8	32	± 165	± 82	440	± 175	± .25
T226-H4-303X	T226-H4-303Y	2.1	3.0x10 <sup>3</sup>	17	68	± 165	± 82	440	± 175	± .50
T226-H4-503X	T226-H4-503Y	10.3	0.9x10 <sup>3</sup>	85	340	± 165	± 82	110	± 700	± .62

① -103, -203, and -303 performance is based on a 1.0" bending length. -503 performance based on 2.0" bending length. Suitable for cryogenic use. **ROHS** : Compliant. Piezo exempt. **PRICES**: (See page 35)