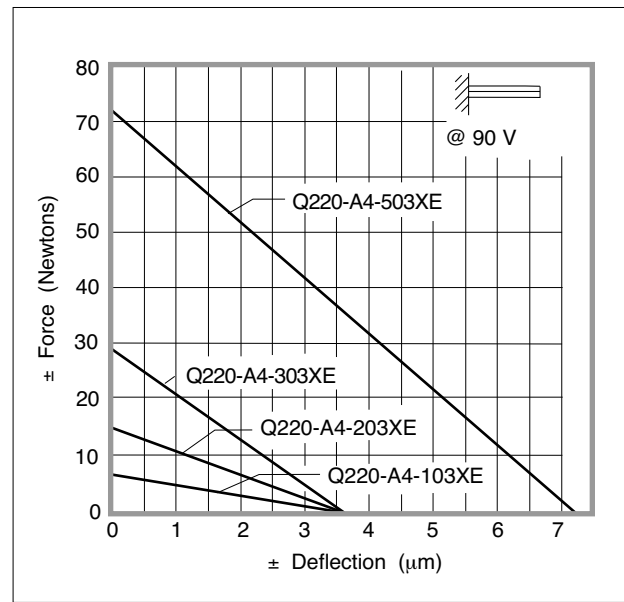
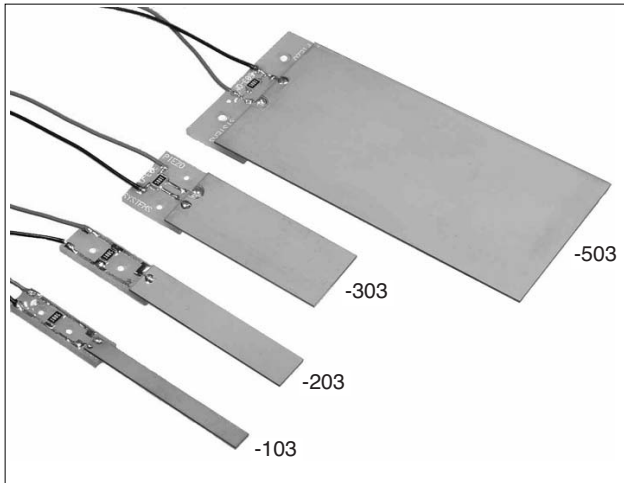


### STANDARD QUICK-MOUNT EXTENSION ACTUATOR PRE-MOUNTED AND WIRED, ONE END, ± 3.6 μm TO ± 7.2 μm



#### DESCRIPTION

**Bolt-down convenience on one end.** Standard Quick-Mount extension motors are easily attached to or removed from equipment using the two clearance holes in the PCB mount. They are wired for low voltage operation and the board mounted bleed resistor protects the transducer and user electronics from transient voltages arising from thermal and mechanical shocks. The user provides the mechanical connection between the transducer tip and their load.

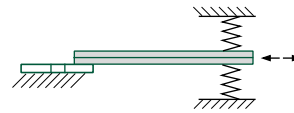
Standard Quick-Mount Extenders are more economically priced than other Quick-Mount configurations and are generally stocked for immediate delivery.

Standard Quick-Mount Extenders employ T220-A4-103X, T220-A4-203X, T220-A4-303X or T220-A4-503X standard brass reinforced transducers.

Dimensions for Standard Quick-Mounts are shown on [page 39](#).

Custom configurations and sizes: Upon request.

**ROHS: Compliant.**



The tip of a Quick-Mount Extender moves longitudinally in the plane of the actuator. Constraining motion perpendicular to the plane is recommended to eliminate any residual bending motion and/or low frequency (bending and torsional) resonances.

#### PERFORMANCE: STANDARD QUICK-MOUNT EXTENDERS

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	±Vp	Hz	±μm	±N
Q220-A4-103XE	5A4E	0.9	2x10 <sup>6</sup>	13	±90	26,200	± 3.6	± 7
Q220-A4-203XE	5A4E	1.4	4x10 <sup>6</sup>	26	±90	26,200	± 3.6	± 14
Q220-A4-303XE	5A4E	2.3	8x10 <sup>6</sup>	52	±90	26,200	± 3.6	± 29
Q220-A4-503XE	5A4E	9.4	10x10 <sup>6</sup>	254	±90	13,100	± 7.2	± 72

#### PRICE & ORDERING INFORMATION

#### PART NO.

1 pc

5

25

100

Standard Quick-Mount Extender, -103 Size  
 Standard Quick-Mount Extender, -203 Size  
 Standard Quick-Mount Extender, -303 Size  
 Standard Quick-Mount Extender, -503 Size

Q220-A4-103XE	\$179	\$99	\$59	\$49
Q220-A4-203XE	\$159	\$104	\$64	\$53
Q220-A4-303XE	\$179	\$114	\$74	\$62
Q220-A4-503XE	\$219	\$154	\$119	\$104