

BEAM	
Geometry	Range
Thickness of PIEZO	0.0001 mm --- 100mm
Thickness of Substrate	0 --- 100mm
Length	0.001mm --- 1000mm
Length of proog mass	
Width	0.0001 mm --- 100mm
Gap	0.001mm --- 500mm
No. of piezo layers	1 / 2
Type of connection	Series / Parallel
Mechanical Properties	Range
Proof of Mass	0 - 100g
End mass density	0 - 30000 kg/m3
Mode	
Piezo	
Substrarw	
VIBRATION	
Frequenct Sweep	Range
Start	
End	
Start Amplitude	
End Amplitude	
Exponential Decay Constant	
Random Vibrations	Range
Expected amplitude of a random vibration	Units in g (gravity's acceleration)
Hammer Hit	Range
Energy per Impulse	g / ms (acceleration / ms)
No. of hits	
Predetermined Vibrations	Range -- NONE
Common vibrations like 5 hp machine tool, washing machine, dryer	
OTHER PARAMETERS	
Environment	Range
Temperature	0 - 500 K
Atmospheric Pressure	0 - 10 <sup>5</sup> Pa
Circuit	Range
Type of Circuit	Recitifer / Resistive
Load (R)	100 -- 10 <sup>9</sup> Ohms
Load Capacitance	0 - 0.001 F
Threshold Voltage	0.01 - 1 V