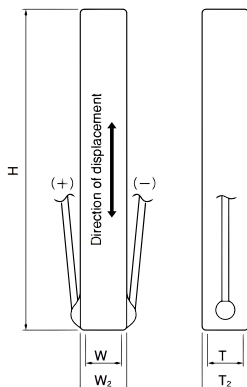


KEMET, AE, Piezo Actuators, Commercial Grade



Dimensions	
L	100mm NOM
W	5mm +/-0.1mm
W2	7.5mm MAX
H	40mm +/-0.1mm
T	5mm +/-0.1mm
T2	5.4mm MAX

General Information	
Series:	AE
Style:	Multilayer
Description:	Resin Coated Type Multilayer Piezoelectric Actuators

Specifications	
Displacement:	42um +/-6.6um
Temperature Range:	-25/+85C
Voltage DC:	150 VDC
Capacitance:	3.4 uF
Capacitance Tolerance:	20%
Resonant Frequency:	34 kHz
Tensile Strength:	85 N
Young's Modulus:	4.4x10 <sup>10</sup> N/m <sup>2</sup>
Generated Force:	850 N
Stiffness:	20.2 N/um
Insulation Resistance:	5 MOhms