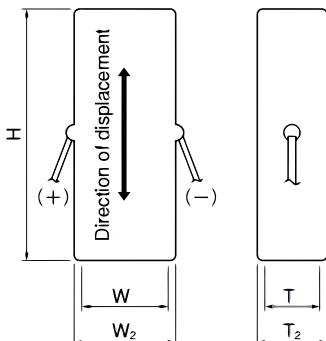


KEMET, AE, Piezo Actuators, Commercial Grade



Dimensions	
L	100mm NOM
W	5mm +/-0.1mm
W2	7.5mm MAX
H	10mm +/-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:	9.1um +/-1.5um
Temperature Range:	-25/+85C
Voltage DC:	150 VDC
Capacitance:	0.75 uF
Capacitance Tolerance:	20%
Resonant Frequency:	138 kHz
Tensile Strength:	85 N
Young's Modulus:	4.4x10 ¹⁰ N/m ²
Generated Force:	850 N
Stiffness:	93.4 N/um
Insulation Resistance:	50 MOhms

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.