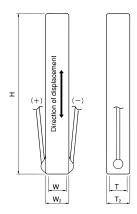
## **KEMET Part Number: AE0505D44H40DF**



## KEMET, AE, Piezo Actuators, Commercial Grade



Dimensions	
L	100mm NOM
W	5mm +/-0.1mm
W2	7.5mm MAX
Н	40mm +/-0.1mm
Т	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:	4.4x10^10 N/m^2	
Generated Force:	850 N	
Stiffness:	20.2 N/um	
Insulation Resistance:	5 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.

