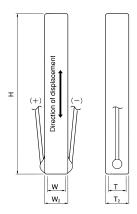
KEMET Part Number: AE0505D44H40DF



Leaded Actuators, 42um +/-6.6um, 850 N



Dimensions (mm)			
Symbol	Dimension	Tolerance	
T1	5	+/-0.1	
W1	5	+/-0.1	
Н	40	+/-0.1	
T2	5.4	MAX	
W2	5.4	MAX	
L	100	NOM	

General Information		
Supplier:	KEMET	
Part Type Description:	Resin Coated Type Multilayer Piezoelectric Actuators	

Specifications		
Displacement:	42um +/-6.6um	
Temperature Range:	-25/+85C	
Voltage:	150 VDC	
Capacitance:	3.4 uF +/-20%	
Resonant Frequency:	34 kHz	
Insulation Resistance:	5 MOhms	
Dissipation Factor:	5%	
Tensile Strength:	85 N	
Youngs Modulus:	4.4x10^10 N/m^2	
Generated Force:	850 N	
Stiffness:	20.2 N/um	

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.

