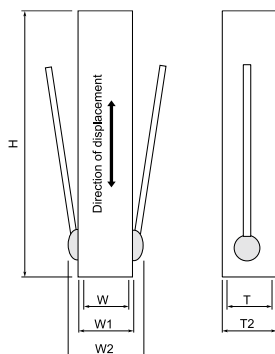


**KEMET Part Number: AE0707D44H40DF**  
(UPAE007074440D)

KEMET, AE, Piezo Actuators, Multilayer



#### Dimensions

<b>L</b>	100mm NOM
<b>W</b>	7mm +/-0.1mm
<b>W2</b>	7.4mm MAX
<b>H</b>	40mm +/-0.1mm
<b>T</b>	7mm +/-0.1mm
<b>T2</b>	7.4mm MAX

#### Packaging Specifications

<b>Weight:</b>	17
<b>Packaging:</b>	Bulk
<b>Packaging Quantity:</b>	4

#### General Information

<b>Style:</b>	Resin Coated
<b>Description:</b>	Resin Coated Type Multilayer Piezoelectric Actuators
<b>RoHS:</b>	With Exemptions
<b>REACH:</b>	SVHC (Pb – CAS 7439-92-1)
<b>Young's Modulus:</b>	4.4x10 <sup>10</sup> N/m <sup>2</sup>

#### Specifications

<b>Series:</b>	AE
<b>Displacement:</b>	42um +/-6.6um
<b>Voltage DC:</b>	150 VDC
<b>Capacitance:</b>	6.7 uF
<b>Capacitance Tolerance:</b>	20%
<b>Resonant Frequency:</b>	34 kHz
<b>Tensile Strength:</b>	170 N
<b>Generated Force:</b>	1700 N
<b>Stiffness:</b>	40.5 N/um
<b>Insulation Resistance:</b>	5 MOhms
<b>Temperature Range:</b>	-25/+85°C