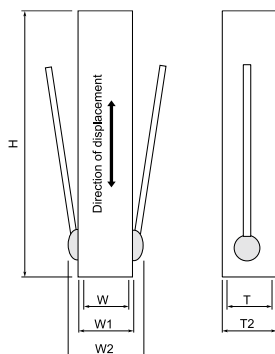


**KEMET Part Number: AE0505D16DF**  
(UPAE005051600D)

KEMET, AE, Piezo Actuators, Multilayer



**Dimensions**

<b>L</b>	100mm NOM
<b>W</b>	5mm +/-0.1mm
<b>W2</b>	5.4mm MAX
<b>H</b>	20mm +/-0.1mm
<b>T</b>	5mm +/-0.1mm
<b>T2</b>	5.4mm MAX

**Packaging Specifications**

<b>Weight:</b>	5.2
<b>Packaging:</b>	Bulk
<b>Packaging Quantity:</b>	10

**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>	17.4um +/-2um
<b>Voltage DC:</b>	150 VDC
<b>Capacitance:</b>	1.4 uF
<b>Capacitance Tolerance:</b>	20%
<b>Resonant Frequency:</b>	69 kHz
<b>Tensile Strength:</b>	85 N
<b>Generated Force:</b>	850 N
<b>Stiffness:</b>	48.9 N/um
<b>Insulation Resistance:</b>	10 MOhms
<b>Temperature Range:</b>	-25/+85°C