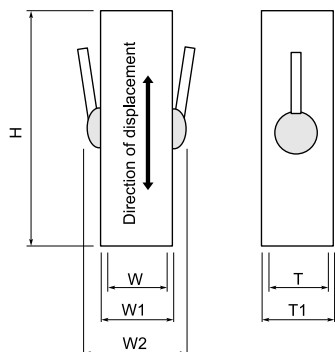


**KEMET Part Number: AE0505D44H40DF**  
(UPAE005054440D)

KEMET, AE, Piezo Actuators, Multilayer



Dimensions	
L	100mm NOM
W	5mm +/-0.1mm
W2	5.4mm MAX
H	40mm +/-0.1mm
T	5mm +/-0.1mm
T2	5.4mm MAX

Packaging Specifications	
Weight:	11
Packaging:	Bulk
Packaging Quantity:	10

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

Specifications	
Series:	AE
Displacement:	42um +/-6.6um
Voltage DC:	150 VDC
Capacitance:	3.4 uF
Capacitance Tolerance:	20%
Resonant Frequency:	34 kHz
Tensile Strength:	85 N
Generated Force:	850 N
Stiffness:	20.2 N/um
Insulation Resistance:	5 MOhms
Temperature Range:	-25/+85°C

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