

KEMET Part Number: AE0707D44H40DF
(UPAE007074440D)

KEMET, AE, Piezo Actuators, Multilayer



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

Packaging Specifications	
Weight:	17
Packaging:	Bulk
Packaging Quantity:	4

General Information	
Style:	Resin Coated
Description:	Resin Coated Type Multilayer Piezoelectric Actuators
RoHS:	Yes
Young's Modulus:	4.4x10 ¹⁰ N/m ²

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

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