

## AE0707D44H40DF

Aliases (UPAE007074440D)

KEMET, AE, Piezo Actuators, Multilayer

No Drawing Available. Click here for the 3D model.

Dimensions		
W	7mm +/-0.1mm	
W2	7.4mm MAX	
Н	40mm +/-0.1mm	
Т	7mm +/-0.1mm	
T2	7.4mm MAX	
LL	100mm +/-5mm	

Packaging Specifications		
Typical Component Weight	17	
Packaging	Bulk	
Packaging Quantity	4	

General Information	
Style	Resin Coated
Description	Resin Coated Type Multilayer Piezoelectric Actuators
Young's Modulus	4.4x10^10 N/m^2
RoHS	With Exemptions
SCIP Number	294b4799-b00c-43e2-a15f-798c927a3ac8
REACH	SVHC (PZT - CAS 12626-81-2)

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/+85°C

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.