

KEMET Part Number: AE0707D44H40DF
(UPAE007074440D)



KEMET, AE, Piezo Actuators, Multilayer

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)

Dimensions

W	7mm +/-0.1mm
W2	7.4mm MAX
H	40mm +/-0.1mm
T	7mm +/-0.1mm
T2	7.4mm MAX
LL	100mm +/-5mm

Packaging Specifications

Component Weight:	17
Packaging:	Bulk
Packaging Quantity:	4

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

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