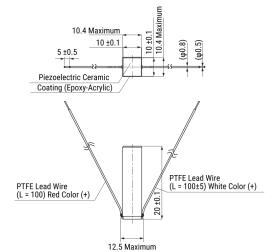


AE1010D44H40DF Aliases (UPAE010104440D)

General Information

KEMET, AE, Piezo Actuators, Multilayer



StyleResin CoatedDescriptionResin Coated Type Multilayer Piezoelectric
ActuatorsYoung's
Modulus4.4x10^10 N/m^2RoHSWith ExemptionsSCIP Number294b4799-b00c-43e2-a15f-798c927a3ac8REACHSVHC (PZT - CAS 12626-81-2)

Specifications	
Series	AE
Displacement	42um +/-6.6um
Voltage DC	150 VDC
Capacitance	13.6 uF
Capacitance Tolerance	20%
Resonant Frequency	34 kHz
Tensile Strength	350 N
Generated Force	3500 N
Stiffness	83.3 N/um
Insulation Resistance	2 MOhms
Temperature Range	-25/+85°C

Click here for the 3D model.

Packaging Quantity

Dimensions	
W	10mm +/-0.1mm
W2	10.4mm MAX
Н	40mm +/-0.1mm
Т	10mm +/-0.1mm
T2	10.4mm MAX
LL	100mm +/-5mm

Packaging Specifications	
Component Weight	36
Packaging	Bulk

4

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