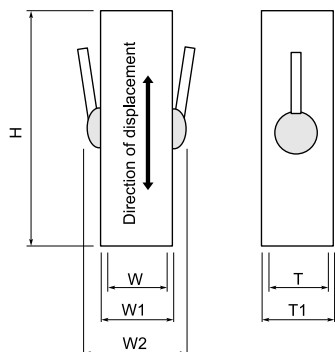


KEMET Part Number: AE0203D44H40DF
(UPAE002034440D)

KEMET, AE, Piezo Actuators, Multilayer



Dimensions

| | |
|-----------|---------------|
| L | 100mm NOM |
| W | 3mm +/-0.1mm |
| W2 | 3.4mm MAX |
| H | 40mm +/-0.1mm |
| T | 2mm +/-0.1mm |
| T2 | 2.4mm MAX |

Packaging Specifications

| | |
|----------------------------|------|
| Weight: | 2.5 |
| 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 ¹⁰ N/m ² |

Specifications

| | |
|-------------------------------|---------------|
| Series: | AE |
| Displacement: | 42um +/-6.6um |
| Voltage DC: | 150 VDC |
| Capacitance: | 0.82 uF |
| Capacitance Tolerance: | 20% |
| Resonant Frequency: | 34 kHz |
| Tensile Strength: | 20 N |
| Generated Force: | 200 N |
| Stiffness: | 47.6 N/um |
| Insulation Resistance: | 20 MOhms |
| Temperature Range: | -25/+85°C |

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