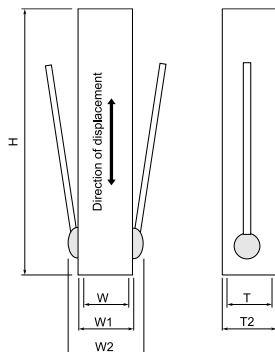


KEMET Part Number: AE0707D08H09DF
(UPAE007070809D)

KEMET, AE, Piezo Actuators, Multilayer



Dimensions

| | |
|-----------|--------------|
| L | 100mm NOM |
| W | 7mm +/-0.1mm |
| W2 | 7.4mm MAX |
| H | 9mm +/-0.1mm |
| T | 7mm +/-0.1mm |
| T2 | 7.4mm MAX |

Packaging Specifications

| | |
|----------------------------|------|
| Weight: | 3.8 |
| Packaging: | Bulk |
| Packaging Quantity: | 4 |

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: | 8.7um +/-1.5um |
| Voltage DC: | 150 VDC |
| Capacitance: | 1.4 uF |
| Capacitance Tolerance: | 20% |
| Resonant Frequency: | 152 kHz |
| Tensile Strength: | 170 N |
| Generated Force: | 1700 N |
| Stiffness: | 195.4 N/um |
| Insulation Resistance: | 10 MOhms |
| Temperature Range: | -25/+85°C |

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