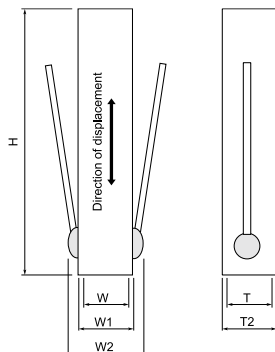


KEMET Part Number: AE1010D18H18DF
(UPAE010101818D)

KEMET, AE, Piezo Actuators, Multilayer



| Dimensions | |
|------------|---------------|
| L | 100mm NOM |
| W | 10mm +/-0.1mm |
| W2 | 10.4mm MAX |
| H | 18mm +/-0.1mm |
| T | 10mm +/-0.1mm |
| T2 | 10.4mm MAX |

| Packaging Specifications | |
|--------------------------|------|
| Weight: | 19 |
| 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: | 20um +/-3.5um |
| Voltage DC: | 150 VDC |
| Capacitance: | 6.6 uF |
| Capacitance Tolerance: | 20% |
| Resonant Frequency: | 76 kHz |
| Tensile Strength: | 350 N |
| Generated Force: | 3500 N |
| Stiffness: | 175 N/um |
| Insulation Resistance: | 5 MOhms |
| Temperature Range: | -25/+85°C |

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