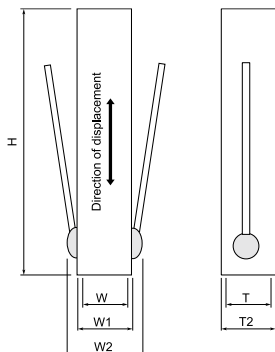


KEMET, AE, Piezo Actuators, Multilayer



| Dimensions |               |
|------------|---------------|
| L          | 100mm NOM     |
| W          | 3mm +/-0.1mm  |
| W2         | 3.4mm MAX     |
| H          | 10mm +/-0.1mm |
| T          | 2mm +/-0.1mm  |
| T2         | 2.4mm MAX     |

| Packaging Specifications |      |
|--------------------------|------|
| Weight:                  | 0.8  |
| Packaging:               | Bulk |
| Packaging Quantity:      | 10   |

| General Information |  |
|---------------------|--|
| Style:              | Resin Coated   |
| Description:        | Resin Coated Type Multilayer Piezoelectric Actuators |
| Young's Modulus:    | 4.4x10 <sup>10</sup> N/m <sup>2</sup>                |

| Specifications         |                |
|------------------------|----------------|
| Series:                | AE             |
| Displacement:          | 9.1um +/-1.5um |
| Voltage DC:            | 150 VDC        |
| Capacitance:           | 0.18 uF        |
| Capacitance Tolerance: | 20%            |
| Resonant Frequency:    | 138 kHz        |
| Tensile Strength:      | 20 N           |
| Generated Force:       | 200 N          |
| Stiffness:             | 22 N/um        |
| Insulation Resistance: | 100 MOhms      |
| Temperature Range:     | -25/+85C       |