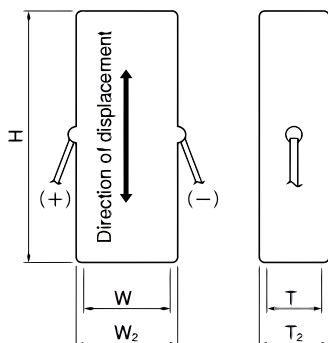


KEMET, AE, Piezo Actuators, Commercial Grade



| Dimensions |               |
|------------|---------------|
| L          | 100mm NOM     |
| W          | 3mm +/-0.1mm  |
| W2         | 5.5mm MAX     |
| H          | 20mm +/-0.1mm |
| T          | 2mm +/-0.1mm  |
| T2         | 2.4mm MAX     |

| General Information |  |
|---------------------|--|
| Series:             | AE   |
| Style:              | Multilayer   |
| Description:        | Resin Coated Type Multilayer Piezoelectric Actuators |

| Specifications         |                                       |
|------------------------|---------------------------------------|
| Displacement:          | 17.4um +/-2um                         |
| Temperature Range:     | -25/+85C                              |
| Voltage DC:            | 150 VDC                               |
| Capacitance:           | 0.35 uF                               |
| Capacitance Tolerance: | 20%                                   |
| Resonant Frequency:    | 69 kHz                                |
| Tensile Strength:      | 20 N                                  |
| Young's Modulus:       | 4.4x10 <sup>10</sup> N/m <sup>2</sup> |
| Generated Force:       | 200 N                                 |
| Stiffness:             | 11.5 N/um                             |
| Insulation Resistance: | 50 MOhms                              |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.