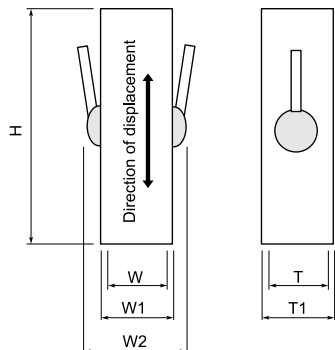


**KEMET Part Number: AE2525D15DF**  
(UPAE025251500D)

KEMET, AE, Piezo Actuators, Multilayer



| Dimensions |                 |
|------------|-----------------|
| L          | 100mm NOM       |
| W          | 25.1mm +/-0.1mm |
| W2         | 25.5mm MAX      |
| H          | 20mm +/-0.1mm   |
| T          | 25.1mm +/-0.1mm |
| T2         | 25.5mm MAX      |

| Packaging Specifications |      |
|--------------------------|------|
| Weight:                  | 105  |
| Packaging:               | Bulk |
| Packaging Quantity:      | 1    |

| 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 <sup>10</sup> N/m <sup>2</sup>                |

| Specifications         |               |
|------------------------|---------------|
| Series:                | AE            |
| Displacement:          | 15.6um +/-2um |
| Voltage DC:            | 150 VDC       |
| Capacitance:           | 30.5 uF       |
| Capacitance Tolerance: | 20%           |
| Resonant Frequency:    | 69 kHz        |
| Tensile Strength:      | 2000 N        |
| Generated Force:       | 20000 N       |
| Stiffness:             | 1282 N/um     |
| Insulation Resistance: | 0.4 MOhms     |
| Temperature Range:     | -25/+85°C     |