


[Click here for the 3D model.](#)

### General Information

|             |  |
|-------------|--|
| Style       | Resin Coated   |
| Description | Resin Coated Type Multilayer Piezoelectric Actuators |
| RoHS        | With Exemptions                                      |
| SCIP Number | 294b4799-b00c-43e2-a15f-798c927a3ac8                 |
| REACH       | SVHC (PZT - CAS 12626-81-2)                          |

### Dimensions

|    |                 |
|----|-----------------|
| W  | 14.2mm +/-0.1mm |
| W2 | 14.6mm MAX      |
| H  | 20mm +/-0.1mm   |
| T  | 14.2mm +/-0.1mm |
| T2 | 14.6mm MAX      |
| LL | 100mm +/-5mm    |

### Packaging Specifications

|                          |      |
|--------------------------|------|
| Typical Component Weight | 38   |
| Packaging                | Bulk |
| Packaging Quantity       | 1    |

### Specifications

|                       |                 |
|-----------------------|-----------------|
| Series                | AE              |
| Displacement          | 18.4um +/-3.5um |
| Voltage DC            | 150 VDC         |
| Capacitance           | 10.8 uF         |
| Tolerance             | 20%             |
| Resonant Frequency    | 69 kHz          |
| Tensile Strength      | 700 N           |
| Young's Modulus       | 4.4x10^10 N/m^2 |
| Generated Force       | 7000 N          |
| Stiffness             | 380.4 N/um      |
| Insulation Resistance | 2 MOhms         |
| Temperature Range     | -25/+85°C       |

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