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**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          | 25.1mm +/-0.1mm |
| W2         | 25.5mm MAX      |
| H          | 20mm +/-0.1mm   |
| T          | 25.1mm +/-0.1mm |
| T2         | 25.5mm MAX      |
| LL         | 100mm +/-5mm    |

| Packaging Specifications |      |
|--------------------------|------|
| Typical Component Weight | 105  |
| Packaging                | Bulk |
| Packaging Quantity       | 1    |

| Specifications        |                                       |
|-----------------------|---------------------------------------|
| Series                | AE                                    |
| Displacement          | 15.6um +/-2um                         |
| Voltage DC            | 150 VDC                               |
| Capacitance           | 30.5 uF                               |
| Tolerance             | 20%                                   |
| Resonant Frequency    | 69 kHz                                |
| Tensile Strength      | 2000 N                                |
| Young's Modulus       | 4.4x10 <sup>10</sup> N/m <sup>2</sup> |
| Generated Force       | 20000 N                               |
| Stiffness             | 1282 N/um                             |
| Insulation Resistance | 400 kOhms                             |
| Temperature Range     | -25/+85°C                             |

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