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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          | 3mm +/-0.1mm  |
| W2         | 3.4mm MAX     |
| H          | 10mm +/-0.1mm |
| T          | 2mm +/-0.1mm  |
| T2         | 2.4mm MAX     |
| LL         | 100mm +/-5mm  |

| Packaging Specifications |      |
|--------------------------|------|
| Typical Component Weight | 0.8  |
| Packaging                | Bulk |
| Packaging Quantity       | 4    |

| Specifications        |                                       |
|-----------------------|---------------------------------------|
| Series                | AE                                    |
| Displacement          | 9.1um +/-1.5um                        |
| Voltage DC            | 150 VDC                               |
| Capacitance           | 0.18 uF                               |
| Tolerance             | 20%                                   |
| Resonant Frequency    | 138 kHz                               |
| Tensile Strength      | 20 N                                  |
| Young's Modulus       | 4.4x10 <sup>10</sup> N/m <sup>2</sup> |
| Generated Force       | 200 N                                 |
| Stiffness             | 22 N/um                               |
| Insulation Resistance | 100 MOhms                             |
| Temperature Range     | -25/+85°C                             |

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