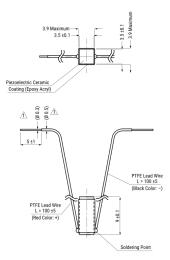


a YAGEO company

## AE035035D08H09DF

KEMET, AE, Piezo Actuators, Multilayer



Click here for the 3D model.

| Dimensions |                |
|------------|----------------|
| W          | 3.5mm +/-0.1mm |
| W2         | 3.9mm MAX      |
| Н          | 9mm +/-0.1mm   |
| Т          | 3.5mm +/-0.1mm |
| T2         | 3.9mm MAX      |
| LL         | 100mm +/-5mm   |

| Packaging Specifications |      |  |
|--------------------------|------|--|
| Component Weight         | 1.2  |  |
| Packaging                | Bulk |  |
| Packaging Quantity       | 10   |  |

| General Information |   |  |
|---------------------|---|--|
| Style               | Resin Coated  |  |
| Description         | Resin Coated Type Multilayer Piezoelectric<br>Actuators |  |
| Young's<br>Modulus  | 4.4x10^10 N/m^2   |  |
| RoHS                | Yes   |  |
| REACH               | Yes   |  |

| Specifications        |                |
|-----------------------|----------------|
| Series                | AE             |
| Displacement          | 8.5um +/-1.5um |
| Voltage DC            | 150 VDC        |
| Capacitance           | 0.33 uF        |
| Capacitance Tolerance | 20%            |
| Resonant Frequency    | 152 kHz        |
| Tensile Strength      | 41 N           |
| Generated Force       | 410 N          |
| Stiffness             | 48.2 N/um      |
| Insulation Resistance | 50 MOhms       |
| Temperature Range     | -25/+85°C      |

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