

AER20X15.4X10DF KEMET, AER, Piezo Actuators, Multilayer

H W

Click here for the 3D model.

| Dimensions |               |
|------------|---------------|
| D          | 20mm +/-0.1mm |
| W          | 23mm MAX      |
| Н          | 10mm +/-0.1mm |
| LL         | 100mm +/-5mm  |

| Packaging Specifications |      |  |
|--------------------------|------|--|
| Component Weight         | 10.4 |  |
| Packaging                | Bulk |  |
| Packaging Quantity       | 1    |  |

| 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                | AER            |
| Displacement          | 9.1um +/-1.5um |
| Voltage DC            | 150 VDC        |
| Capacitance           | 3.7 uF         |
| Capacitance Tolerance | 20%            |
| Resonant Frequency    | 138 kHz        |
| Tensile Strength      | 420 N          |
| Generated Force       | 4200 N         |
| Stiffness             | 461.5 N/um     |
| Insulation Resistance | 2 MOhms        |
| Temperature Range     | -25/+85°C      |

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