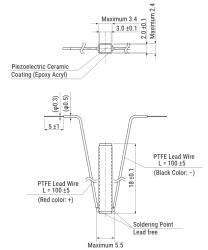


AE0203D18H18DF Aliases (UPAE002031818D) KEMET, AE, Piezo Actuators, Multilayer



Click here for the 3D model.

| Dimensions | |
|------------|---------------|
| W | 3mm +/-0.1mm |
| W2 | 3.4mm MAX |
| Н | 18mm +/-0.1mm |
| т | 2mm +/-0.1mm |
| T2 | 2.4mm MAX |
| LL | 100mm +/-5mm |

Packaging Specifications

| · · · · · · · · · · · · · · · · · · · | |
|---------------------------------------|------|
| Typical Component Weight | 1.4 |
| Packaging | Bulk |
| Packaging Quantity | 10 |

| General Information | | |
|---------------------|---|--|
| Style | Resin Coated | |
| Description | Resin Coated Type Multilayer Piezoelectric Actuators | |
| Young's Modulus | 4.4x10^10 N/m^2 | |
| RoHS | With Exemptions | |
| SCIP Number | 294b4799-b00c-43e2-a15f-798c927a3ac8 | |
| REACH | SVHC (PZT - CAS 12626-81-2) | |

| Specifications | | | |
|-----------------------|-------------|--|--|
| Series | AE | | |
| Displacement | 19um +/-2um | | |
| Voltage DC | 150 VDC | | |
| Capacitance | 0.4 uF | | |
| Capacitance Tolerance | 20% | | |
| Resonant Frequency | 76 kHz | | |
| Tensile Strength | 20 N | | |
| Generated Force | 200 N | | |
| Stiffness | 10.5 N/um | | |
| Insulation Resistance | 50 MOhms | | |
| Temperature Range | -25/+85°C | | |

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