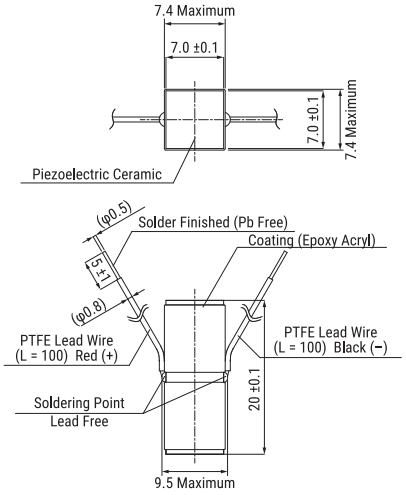
# AE0707D16DF

Aliases (UPAE007071600D)

KEMET, AE, Piezo Ceramic Actuators, Multilayer




Click here for the 3D model.

| 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 | 7mm +/-0.1mm |
| W2 | 7.4mm MAX |
| H | 20mm +/-0.1mm |
| T | 7mm +/-0.1mm |
| T2 | 7.4mm MAX |
| LL | 100mm +/-5mm |

| Packaging Specifications | |
|---|---|
| Typical Component Weight | 9 |
| Packaging | Bulk |
| Packaging Quantity | 4 |

| Specifications | |
|---|---|
| Series | AE |
| Displacement | 17.4um +/-2um |
| Voltage DC | 150 VDC |
| Capacitance | 3.4 uF |
| Tolerance | 20% |
| Resonant Frequency | 69 kHz |
| Tensile Strength | 170 N |
| Young's Modulus | 4.4x10^10 N/m^2 |
| Generated Force | 1700 N |
| Stiffness | 97.7 N/um |
| Insulation Resistance | 5 MOhms |
| Temperature Range | -25/+85°C |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.



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