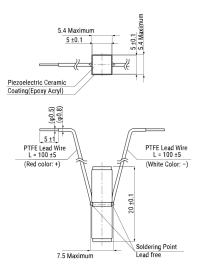


AE0505D16DF

Aliases (UPAE005051600D)

KEMET, AE, Piezo Actuators, Multilayer



Click here for the 3D model.

| Dimensions | |
|------------|---------------|
| W | 5mm +/-0.1mm |
| W2 | 5.4mm MAX |
| Н | 20mm +/-0.1mm |
| Т | 5mm +/-0.1mm |
| T2 | 5.4mm MAX |
| LL | 100mm +/-5mm |

| Packaging Specifications | 1 |
|--------------------------|------|
| Typical Component Weight | 5.2 |
| 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 | 17.4um +/-2um |
| Voltage DC | 150 VDC |
| Capacitance | 1.4 uF |
| Capacitance Tolerance | 20% |
| Resonant Frequency | 69 kHz |
| Tensile Strength | 85 N |
| Generated Force | 850 N |
| Stiffness | 48.9 N/um |
| Insulation Resistance | 10 MOhms |
| Temperature Range | -25/+85°C |

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