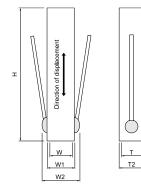
KEMET Part Number: AE0505D08H09DF

(UPAE005050809D)



KEMET, AE, Piezo Actuators, Multilayer



| Dimensions | |
|------------|--------------|
| L | 100mm NOM |
| W | 5mm +/-0.1mm |
| W2 | 5.4mm MAX |
| Н | 9mm +/-0.1mm |
| Т | 5mm +/-0.1mm |
| T2 | 5.4mm MAX |

| Packaging Specifications | | |
|--------------------------|------|--|
| Weight: | 2.4 | |
| Packaging: | Bulk | |
| Packaging Quantity: | 10 | |

| General Information | | |
|---------------------|---|--|
| Style: | Resin Coated | |
| Description: | Resin Coated Type Multilayer Piezoelectric Actuators | |
| RoHS: | With Exemptions | |
| REACH: | SVHC (Pb – CAS 7439-92-1) | |
| Young's Modulus: | 4.4x10^10 N/m^2 | |

| Specifications | |
|------------------------|----------------|
| Series: | AE |
| Displacement: | 8.7um +/-1.5um |
| Voltage DC: | 150 VDC |
| Capacitance: | 0.68 uF |
| Capacitance Tolerance: | 20% |
| Resonant Frequency: | 152 kHz |
| Tensile Strength: | 85 N |
| Generated Force: | 850 N |
| Stiffness: | 97.7 N/um |
| Insulation Resistance: | 50 MOhms |
| Temperature Range: | -25/+85°C |

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