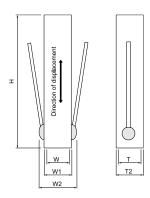
## **KEMET Part Number: AE0505D16DF**

(UPAE005051600D)



## KEMET, AE, Piezo Actuators, Multilayer



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

Packaging Specifications		
Weight:	5.2	
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:	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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