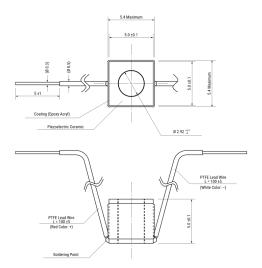


a YAGEO company

AE0505D04D-H0F

KEMET, AE, Piezo Actuators, Multilayer



Click here for the 3D model.

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

Packaging Specifications			
Typical Component Weight	1.1		
Packaging	Bulk		
Packaging Quantity	4		

General Information	
Style	Resin Coated
Description	Resin Coated Type Multilayer Piezoelectric Actuators
Young's Modulus	4.4x10^10 N/m^2
RoHS	Yes
REACH	Yes

Specifications	
Series	AE
Displacement	4.6um +/-1.5um
Voltage DC	150 VDC
Capacitance	0.27 uF
Capacitance Tolerance	20%
Resonant Frequency	261 kHz
Tensile Strength	61 N
Generated Force	610 N
Stiffness	132.6 N/um
Insulation Resistance	10 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.