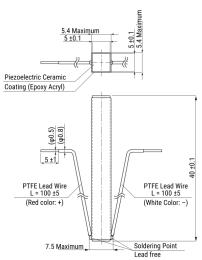


AE0505D44H40DF

Aliases (UPAE005054440D)

KEMET, AE, Piezo Actuators, Multilayer



Click here for the 3D model.

Dimensions		
W	5mm +/-0.1mm	
W2	5.4mm MAX	
Н	40mm +/-0.1mm	
Т	5mm +/-0.1mm	
T2	5.4mm MAX	
LL	100mm +/-5mm	

Packaging Specifications			
Component Weight	11		
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	42um +/-6.6um
Voltage DC	150 VDC
Capacitance	3.4 uF
Capacitance Tolerance	20%
Resonant Frequency	34 kHz
Tensile Strength	85 N
Generated Force	850 N
Stiffness	20.2 N/um
Insulation Resistance	5 MOhms
Temperature Range	-25/+85°C

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