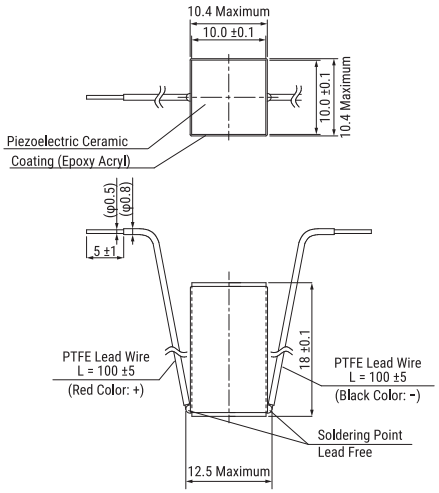
AE1010D18H18DF

Aliases (UPAE010101818D)

KEMET, AE, Piezo Ceramic Actuators, Multilayer



Click here for the 3D model.

General Information	
Style	Resin Coated
Description	Resin Coated Type Multilayer Piezoelectric Actuators
RoHS	With Exemptions
SCIP Number	294b4799-b00c-43e2-a15f-798c927a3ac8
REACH	SVHC (PZT – CAS 12626-81-2)

Dimensions	
W	10mm +/-0.1mm
W2	10.4mm MAX
H	18mm +/-0.1mm
T	10mm +/-0.1mm
T2	10.4mm MAX
LL	100mm +/-5mm

Packaging Specifications	
Typical Component Weight	19
Packaging	Bulk
Packaging Quantity	4

Specifications	
Series	AE
Displacement	20um +/-3.5um
Voltage DC	150 VDC
Capacitance	6.6 uF
Tolerance	20%
Resonant Frequency	76 kHz
Tensile Strength	350 N
Young's Modulus	4.4x10^10 N/m^2
Generated Force	3500 N
Stiffness	175 N/um
Insulation Resistance	5 MOhms
Temperature Range	-25/+85°C

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