

KEMET Part Number: AE1010D18H18DF
(UPAE010101818D)

KEMET, AE, Piezo Actuators, Multilayer



Dimensions

L	100mm NOM
W	10mm +/-0.1mm
W2	10.4mm MAX
H	18mm +/-0.1mm
T	10mm +/-0.1mm
T2	10.4mm MAX

Packaging Specifications

Weight:	19
Packaging:	Bulk
Packaging Quantity:	4

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:	20um +/-3.5um
Voltage DC:	150 VDC
Capacitance:	6.6 uF
Capacitance Tolerance:	20%
Resonant Frequency:	76 kHz
Tensile Strength:	350 N
Generated Force:	3500 N
Stiffness:	175 N/um
Insulation Resistance:	5 MOhms
Temperature Range:	-25/+85°C

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