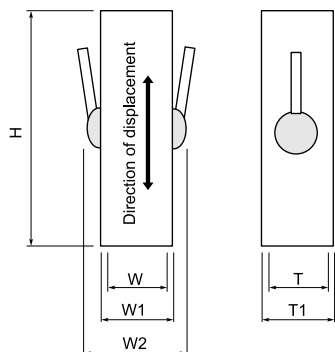


KEMET Part Number: AE1414D16DF
(UPAE014141600D)

KEMET, AE, Piezo Actuators, Multilayer



Dimensions

L	100mm NOM
W	14.2mm +/-0.1mm
W2	14.6mm MAX
H	20mm +/-0.1mm
T	14.2mm +/-0.1mm
T2	14.6mm MAX

Packaging Specifications

Weight:	38
Packaging:	Bulk
Packaging Quantity:	1

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:	18.4um +/-3.5um
Voltage DC:	150 VDC
Capacitance:	10.8 uF
Capacitance Tolerance:	20%
Resonant Frequency:	69 kHz
Tensile Strength:	700 N
Generated Force:	7000 N
Stiffness:	380.4 N/um
Insulation Resistance:	2 MOhms
Temperature Range:	-25/+85°C