

KEMET Part Number: AE0505D16DF
(UPAE005051600D)

KEMET, AE, Piezo Actuators, Multilayer



Dimensions

L	100mm NOM
W	5mm +/-0.1mm
W2	5.4mm MAX
H	20mm +/-0.1mm
T	5mm +/-0.1mm
T2	5.4mm MAX

Packaging Specifications

Weight:	5.2
Packaging:	Bulk
Packaging Quantity:	10

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:	17.4um +/-2um
Voltage DC:	150 VDC
Capacitance:	1.4 uF
Capacitance Tolerance:	20%
Resonant Frequency:	69 kHz
Tensile Strength:	85 N
Generated Force:	850 N
Stiffness:	48.9 N/um
Insulation Resistance:	10 MOhms
Temperature Range:	-25/+85°C

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