



Click [here](#) for the 3D model.

### Dimensions

D	20mm +/-0.1mm
D1	15.4mm +/- 0.1mm
W	23mm MAX
H	10mm +/-0.1mm
LL	100mm +/-5mm

### Packaging Specifications

Typical Component Weight	10.4
Packaging	Bulk
Packaging Quantity	1

### General Information

Style	Resin Coated
Description	Resin Coated Type Multilayer Piezoelectric Actuators
Young's Modulus	4.4x10 <sup>10</sup> N/m <sup>2</sup>
RoHS	Yes
REACH	Yes

### Specifications

Series	AER
Displacement	9.1um +/-1.5um
Voltage DC	150 VDC
Capacitance	3.7 uF
Capacitance Tolerance	20%
Resonant Frequency	138 kHz
Tensile Strength	420 N
Generated Force	4200 N
Stiffness	461.5 N/um
Insulation Resistance	2 MOhms
Temperature Range	-25/+85°C

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.