

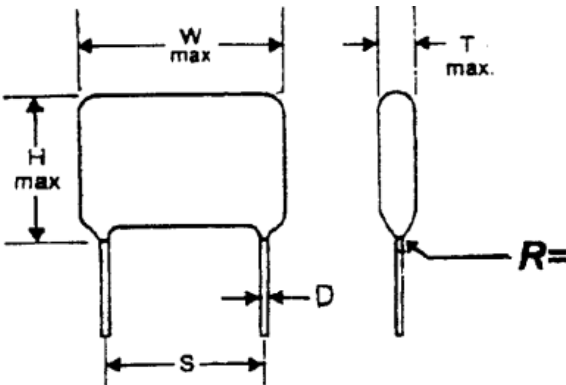
Professionally approved products. Datasheet

RS 56pF 500 V dc Radial Mica Capacitor D $\pm 1\%$

RS Stock 495-717



Dimensions: (mm)



Specifications

Capacitance Tolerance: $\pm 0.5\text{pF}$ where $C < 50\text{pF}$
 $\pm 1\%$ where $C > 50\text{pF}$

Temperature Range: -40C to 85C

Rated Voltage: 500V DC

Insulation Resistance: 100 G for $C < 10000\text{ pF}$, $1000\text{ Megohm microfarad}$ for $C > 10000\text{ pF}$ @ 25 C

Lead Length: 25mm min

| | | |
|--------------------------|------------------------------|---------------------------------|
| Temperature Coefficient: | $2.2\text{pF} - 18\text{pF}$ | $-200\text{ppm}/+200\text{ppm}$ |
| | $22\text{pF} - 68\text{pF}$ | $-20\text{ppm}/+100\text{ppm}$ |
| | $82\text{pF} - 47\text{nF}$ | $0\text{ppm}/+70\text{ppm}$ |

Value

The capacitance value in picofarads is indicated using three digits.

The first two digits represent the significant figures of the value, with the third digit specifying the number of zeroes to follow.

For values less than 10pF , the decimal point between the two significant figures is indicated using a "p" eg $5\text{p}6$ indicates 5.6p

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Tolerance

“B” indicates $\pm 0.5\text{pF}$, “F” indicates $\pm 1\%$

Voltage

“D” indicates a working voltage of 500VDC

Example of Markings

