

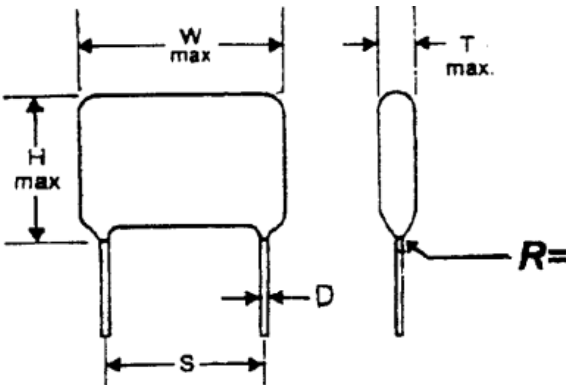
## Professionally approved products. Datasheet

### RS 390pF 500 V dc Radial Mica Capacitor D $\pm 1\%$

RS Stock 495-818



#### Dimensions: (mm)



#### Specifications

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

Temperature Range:  $-40\text{ C}$  to  $85\text{ C}$

Rated Voltage:  $500\text{V DC}$

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

Lead Length:  $25\text{mm min}$

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

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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

