

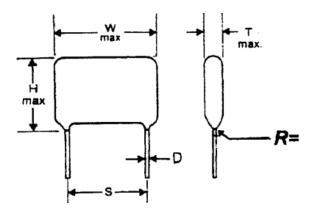
### Professionally approved products. Datasheet

# **RS 22nF 500 V dc Radial Mica Capacitor D ±1%**

**RS Stock 495-969** 



# **Dimensions: (mm)**



# **Specifications**

Capacitance Tolerance: +-0.5pF where C< 50pF +- 1% where C > 50pF Temperature Range: -40 C to 85C Rated Voltage: 500V DC Insulation Resistance: 100 G for C < 10000 pF, 1000 Megohm microfarad for C > 10000 pF @ 25 C Lead Length: 25mm min Temperature Coefficient: 2.2pF -18pF -200ppm/+200ppm 22pF-68pF -20ppm/+100ppm 82pF - 47nF 0ppm/+70ppm

#### 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 5p6 indicates 5.6p

RS, Professionally Approved Products, gives you professional quality parts across all products categories. Our range has been testified by engineers as giving comparable quality to that of the leading brands without paying a premium price.

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# Tolerance

"B" indicates <u>+</u> 0.5pF, "F" indicates <u>+</u> 1%

# Voltage

"D" indicates a working voltage of 500VDC

# **Example of Markings**

