

PART NUMBER: 225MWR100K

GENERAL PURPOSE FILM

Parts are RoHS compliant

Date code when parts became RoHS: 14



FEATURES

axial lead, self healing metallized polyester, small size

ELECTRICAL SPECIFICATIONS

Capacitance: 2.2 μ F

Dissipation Factor: 0.01 Max at 1000 Hz and 25°C

Temperature Coefficient: 400 PPM/°C, -200 PPM/°C, 200 PPM/°C

Ripple Current: - at - and 0

ESR: 0.804 Ohms at 1 kHz and 20°C

Self Inductance: 1 Nanohenries maximum per mm of body length and lead length

dvdt: 2 V/ μ s

Terminal to Terminal Dielectric strength: 1.6 times the rated DC voltage when applied between the terminals for 2 seconds

Insulation Resistance (Terminal to Terminal): 10000

MegohmMicrofarads MINIMUM after Volts DC is applied for seconds at

Reliability: 5 failures/billion component hours 5 FIT

Load Life: 2000 hours at 85°C with 125% of rated voltage

Capacitance Change: $\leq 5\%$ of initially measured value

D.F. Change: $\leq 200\%$ of maximum specified value

I.R. Change: $> 50\%$ of minimum specified value

Tolerance: -10 % , +10 %

Temperature Range: -55°C to +125°C

Above 85°C the rated (DC/AC) voltage must be derated at per 1.25%/°C

WVDC: 100 Volts DC

SVDC: N/A Volts DC

VAC: 63 Volts AC

Terminal to case Dielectric strength: 0 times the rated 0 voltage when applied between the terminals for 0

Insulation resistance (Terminal to Case): N/A Megohms MINIMUM after Volts DC is applied for seconds at

PHYSICAL DIMENSIONS

Diameter (D): 12 mm, MAX mm

Length (L): 29 mm, MAX mm

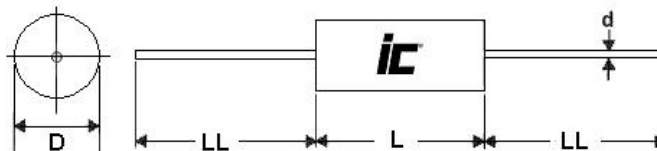
Lead Finish: Matte Tin

Lead Spacing (S): mm, +/- mm

Lead Diameter (d): 0.8 mm, +/-0.05 mm

Lead Length (LL): 35mm, +/- MIN mm

Choose Lead Style



Choose Lead Style