

ELECTRICAL SPECIFICATIONS

Capacitance: 0.1 uF

Dissipation Factor: 0.001 Max at 1000 Hz and 25°C, 0.004 Max at 100 kHz and Temperature Range: -55°C to +105°C

25°C

Temperature Coefficient: -200 PPM/°C: -100 PPM/°C, 100 PPM/°C

Ripple Current: at and

ESR: 1.768 Ohms at 1 kHz and 20°C

Self Inductance: 1 Nanohenries maximum per mm of pitch

dvdt: 220 V/µs

Tolerance: -10 % , +10 %

Above 85°C the rated (DC/AC) voltage must be derated at per 1.25%/2.25%°C

WVDC: 250 Volts DC SVDC: N/A Volts DC VAC: 160 Volts AC

Terminal to Terminal Dielectric strength: 1.6 times the rated DC voltage when Terminal to case Dielectric strength: 2 VAC when applied between the

applied between the terminals for 2 seconds

terminals and case for 2~5 seconds

DC is applied for 60 seconds at 20°C

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

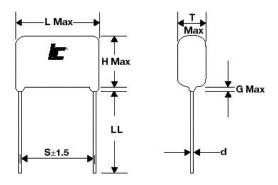
Capacitance Change: ≤3% of initially measured value D.F. Change: ≤125% of maximum specified value I.R. Change: >50% of minimum specified value

Insulation Resistance (Terminal to Terminal): 30000 MINIMUM after 100 Volts Insulation resistance (Terminal to Case): N/A Megohms MINIMUM after 0 Volts

DC is applied for 0 seconds at 0

PHYSICAL DIMENSIONS

Length (L): 13 mm, MAX mm Height (H): 11 mm, +/-MAX mm Thickness (T): 7 mm, +/-MAX mm Lead Spacing (S): 10 mm, +/-1.5 mm Lead Diameter (d): 0.6 mm, +/-0.05 mm Lead Length (LL): 15mm, +/- MIN mm





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