ILLINOIS CAPACITOR INC.

10/29/2013

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PART NUMBER: 334MPR250JE

Metallized Polypropylene Epoxy Dipped Radial Lead Capacitors Parts are RoHS compliant

ELECTRICAL SPECIFICATIONS

CAPACITANCE: TOLERANCE:

0.33 uF -5 %. +5 % WVDC: DV/DT: 250 Volts DC 200 V/uS

VAC (not for across the line):

160 Volts AC. 50/60Hz 0.0005 Max at 1000 Hz and 25°C

TEMPERATURE RANGE:

-55°C to +105°C Above 85°C the rated voltage (DC/AC) must be derated at 1.25%/2.25% per °C

Terminal to Terminal Dielectric strength:

1.6 times the rated DC voltage when applied between the terminals for 2 seconds

Terminal to case Dielectric strength:

2 times the rated DC voltage when applied between the terminals and case for 2~5 seconds

LOAD LIFE:

2000 hours at 85°C and with 125 % of rated voltage

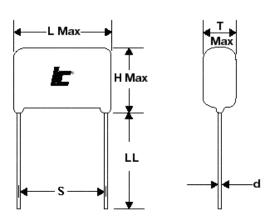
Capacitance change: ≤3% of initially measured value Dissipation Factor: ≤125%of specified value **Insulation Resistance:** >50% of specified value

PHYSICAL SPECIFICATIONS

LENGTH (L): 18 mm MAX **HEIGHT (H):** 13 mm MAX THICKNESS (T): 8.5 mm MAX

LEAD SPACING 15 mm, +/- 1.5 mm LEAD WIRE (d): 0.8 mm, +/- 0.05 mm

LEAD LENGTH (LL): 15 mm MIN Lead Finish: Matte Tin



DISSIPATION FACTOR:

0.0008 Max at 10 kHz and 25°C

TEMPERATURE COEFFICIENT:

-200 PPM/°C: -100 PPM/°C, + 100 PPM/°C Self inductance: 1nH/ mm pitch

INSULATION RESISTANCE (T - T):

30000 Megohms MINIMUM after 100 Volts DC is applied for 60 seconds at 20°C