

## ELECTRICAL SPECIFICATIONS

**Capacitance:** 0.0015  $\mu$ F

**Dissipation Factor:** 0.008 Max at 1000 Hz and 25°C , 0.015 Max at 10 kHz and 25°C , 0.03 Max at 100 kHz and 25°C

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

**Ripple Current:** at and

**ESR:** - at - and -

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

**dvdt:** 1200 V/ $\mu$ s

**Tolerance:** -10 % , +10 %

**Temperature Range:** -55°C to +105°C

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

**WVDC:** 10000 Volts DC

**SVDC:** N/A Volts DC

**VAC:** 1200 Volts AC

**Terminal to Terminal Dielectric strength:** 1.5 times the rated DC voltage when applied between the terminals for 10 seconds

**Terminal to case Dielectric strength:** 0 VAC when applied between the terminals and case for 0 seconds

**Insulation Resistance (Terminal to Terminal):** 100000 MINIMUM after 100 Volts DC is applied for 60 seconds at 20°C

**Insulation resistance (Terminal to Case):** N/A Megohms MINIMUM after 0 Volts DC is applied for 0 seconds at 0

**Reliability: 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

## PHYSICAL DIMENSIONS

**Diameter (D):** 15.5 mm, MAX mm

**Length (L):** 63 mm, MAX mm

**Lead Finish:** Matte Tin

**Lead Spacing (S):** mm, +/-0.4 mm

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

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

