105MMR400K

GENERAL PURPOSE FILM

Parts are RoHS compliant

ELECTRICAL SPECIFICATIONS

Capacitance: 1 uF
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
ESR: - at - and -
Self Inductance: 1 Nanohenries maximum per mm of pitch
dvdt: 30 V/µs

Tolerance: -10 % , +10 %
Temperature Range: -40°C to +105°C
Above 85°C the rated (DC/AC) voltage must be derated at per 1.25%/2.25%°C
WVDC: 400 Volts DC
SVDC: N/A Volts DC
VAC: 200 Volts AC

Terminal to Terminal Dielectric strength: 1.5 times the rated DC voltage when applied between the terminals for 60 seconds

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

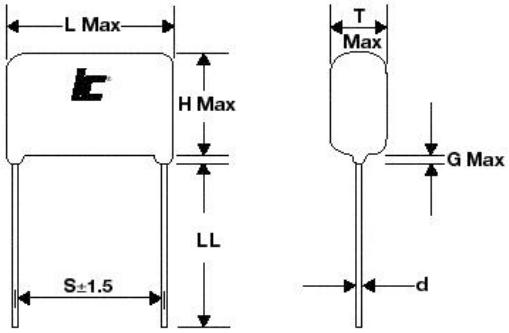
Insulation Resistance (Terminal to Terminal): 3000 MINIMUM after 100 Volts DC is applied for 60 seconds at 20°C
Reliability: Load Life: 2000 hours at 85C with 125% of rated voltage
Capacitance Change: <5% of initially measured value
D.F. Change: <50% of maximum specified value
I.R. Change: >50% of minimum specified value

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

PHYSICAL DIMENSIONS

Length (L): 26 mm, MAX mm
Height (H): 18 mm, +/-MAX mm
Thickness (T): 8.5 mm, +/-MAX mm

Lead Spacing (S): 22.5 mm, +/-1 mm
Lead Diameter (d): 0.8 mm, +/-0.05 mm
Lead Length (LL): 15mm, +/- MIN mm



2400 East Devon Avenue Suite 292 Des Plaines, IL 60018 (847) 675-1760 FAX (847) 673-2850
Illinois Capacitor (HK) Ltd., Tel: 85227930931, Fax: 85227930731, www.illcap.com.hk
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