



105MMR630K

GENERAL PURPOSE FILM
Parts are RoHS compliant

ELECTRICAL SPECIFICATIONS

Capacitance: 1 uF	Tolerance: -10 % , +10 %
Dissipation Factor: 0.01 Max at 1000 Hz and 25°C	Temperature Range: -40°C to +105°C
Temperature Coefficient: 400 PPM/°C: -200 PPM/°C, 200 PPM/°C	Above 85°C the rated (DC/AC) voltage must be derated at per 1.25%/2.25%°C
Ripple Current: at and	WVDC: 630 Volts DC
ESR: - at - and -	SVDC: N/A Volts DC
Self Inductance: 1 Nanohenries maximum per mm of pitch	VAC: 220 Volts AC
dv/dt: 30 V/μs	

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

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 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

PHYSICAL DIMENSIONS

Length (L): 31 mm, MAX mm

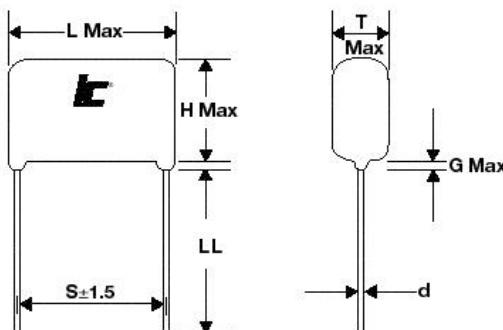
Lead Spacing (S): 27.5 mm, +/-1 mm

Height (H): 21.9 mm, +/-MAX mm

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

Thickness (T): 12.5 mm, +/-MAX mm

Lead Length (LL): 15mm, +/- MIN mm



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