

109TMA025M

AXIAL LEAD

Parts are RoHS compliant

Date code when parts became RoHS: 14



ELECTRICAL SPECIFICATIONS

Capacitance: 10000 uF

Dissipation Factor: 0.44 Max at 120 Hz and 20°C

Temperature Range: -40°C to +105°C

ESR: 0.0729 Ohms Max at 20°C and 120 Hz

Impedance: N/A

Tolerance: -20 %, +20 %

WVDC: 25 Volts DC

SVDC: 32 Volts DC

Ripple Current: 1980 mA at 120 Hz and 105°C

Impedance Ratios:-25°C/20°C 2 and -40°C/20°C - 6

Leakage Current: .03CV or 4uA, whichever is greater
7500 uA after 1 Minute

Load Life: 2000 hours at 105°C with 100 % of rated voltage and with 100 % of rated ripple current

Capacitance Change: ≤20% of initial measured value

Dissipation Factor: ≤200% of maximum specified value

Leakage Current: ≤100% of maximum specified value

Frequency Multipliers:

50 HZ	120 HZ	400 HZ	1 KHZ	10 KHZ	100 KHZ
0.85	1	1.1	1.13	1.15	1.15

Temperature Multipliers:

45°C	60°C	70°C	65°C	75°C	85°C	105°C	125°C
2.23	2.17	1.9	2	1.75	1.75	1	0

PHYSICAL DIMENSIONS

Diameter (D): 22 mm + 1 mm

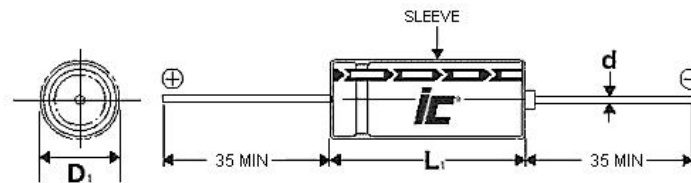
Length (L): 51 mm + 1.5 mm

Coating: BlackPVC sleeving

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

Lead Length: 35 mm +/- MIN mm

Lead Finish: Matte Tin



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