

337KXM025MLN

RADIAL LEAD HIGH FREQUENCY/ LOW IMPEDANCE

Parts are RoHS compliant

Date code when parts became RoHS: 15

APPLICATIONS: Switching power supplies, input filters, coupling, bypass

ELECTRICAL SPECIFICATIONS

Capacitance: 330 uF
Dissipation Factor: 0.14 Max at 120 Hz and 20°C
Temperature Range: -55°C to +105°C
ESR: 0.8038 Ohms Max at 20°C and 120 Hz
Impedance: 0.053Ohms100 kHz20°C
0.17Ohms100 kHz-10°C

Tolerance: -20 %, +20 %
WVDC: 25 Volts DC
SVDC: 32 Volts DC
Ripple Current: 1030 mA at 100 kHz and 105°C
Impedance Ratios:-25°C/20°C 2 and -40°C/20°C - 3

Leakage Current: .01CV or 3uA, whichever is greater
52.8 uA after 2 Minutes

Load Life: 4000 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
0.64	0.5	0.64	0.83	0.83	1

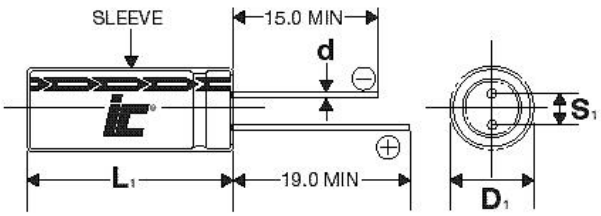
Temperature Multipliers:

45°C	60°C	70°C	65°C	75°C	85°C	105°C	125°C
2.23	2.17	2	2.1	1.75	1.75	1	0

PHYSICAL DIMENSIONS

Diameter (D): 10 mm + 0.5 mm
Length (L): 12.5 mm + 1.5 mm
Lead Spacing (S): 5 mm +/- 0.5 mm
Coating: BrownPET sleeving

Lead Wire Diameter (d): 0.6 mm +/- 0.05 mm
Lead Length: 15 mm +/- MIN mm
Lead Finish: Matte Tin



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