



# 477JZM025M

RADIAL LEAD HIGH FREQUENCY/ LOW IMPEDANCE

Parts are RoHS compliant

Date code when parts became RoHS: 15

## ELECTRICAL SPECIFICATIONS

Capacitance: 470 uF

Dissipation Factor: 0.16 Max at 120 Hz and 20°C

Temperature Range: -40°C to +105°C

ESR: 0.564 Ohms Max at 20°C and 120 Hz

Impedance: N/A

Tolerance: -20 %, +20 %

WVDC: 25 Volts DC

SVDC: 32 Volts DC

Ripple Current: 2030 mA at 100 kHz and 105°C

Impedance Ratios:-25°C/20°C 2 and -40°C/20°C - 3

Leakage Current: .03CV or 3uA, whichever is greater  
352.5 uA after 2 Minutes

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
0.64	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	1.6	1.75	1.4	1.4	1	0

## PHYSICAL DIMENSIONS

Diameter (D): 10 mm + 0.5 mm

Length (L): 16 mm + 1.5 mm

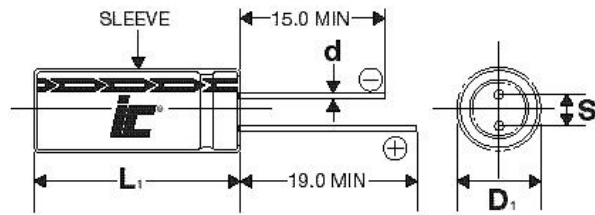
Lead Spacing (S): 5 mm +/- 0.5 mm

Coating: GreenPET sleeving

Lead Wire Diameter (d): 0.6 mm +/- 0.05 mm

Lead Length: 15 mm +/- 1 mm

Lead Finish: Matte Tin



3757 W. Touhy Ave. Lincolnwood, IL 60712 (847) 675-1760 FAX (847) 673-2850  
 Illinois Capacitor (HK) Ltd., Tel: 85227930931, Fax: 85227930731, [www.ilcap.com.hk](http://www.ilcap.com.hk)  
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