



567KXM6R3M

RADIAL LEAD HIGH FREQUENCY/ LOW IMPEDANCE

Parts are RoHS compliant

Date code when parts became RoHS: 26

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

ELECTRICAL SPECIFICATIONS

Capacitance: 560 uF

Dissipation Factor: 0.22 Max at 120 Hz and 20°C

Temperature Range: -55°C to +105°C

ESR: 0.6513 Ohms Max at 20°C and 120 Hz

Impedance: 0.072 Ohms 100 kHz 20°C

0.22 Ohms 100 kHz 10°C

Tolerance: -20 %, +20 %

WVDC: 6.3 Volts DC

SVDC: 7.9 Volts DC

Ripple Current: 760 mA at 100 kHz and 105°C

Impedance Ratios: -25°C/20°C 4 and -40°C/20°C - 8

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

Load Life: 3000 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
0.6	0.72	0.8	0.91	0.95	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): 8 mm + 0.5 mm

Length (L): 11.5 mm + 1.5 mm

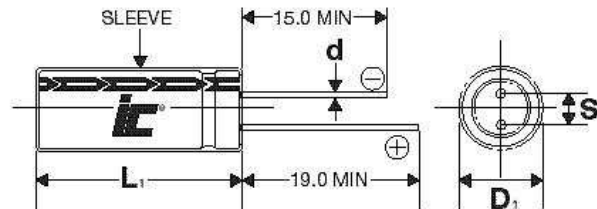
Lead Spacing (S): 3.5 mm +/- 0.5 mm

Coating: BrownPET sleeving

Lead Wire Diameter (d): 0.5 mm +/- 0.05 mm

Lead Length: 15 mm +/- MIN 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.illcap.com.hk
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