



HJR686M160

RADIAL LEAD GENERAL PURPOSE

Parts are RoHS compliant

Date code when parts became RoHS: 1716

ELECTRICAL SPECIFICATIONS

Capacitance: 68 uF

Dissipation Factor: 0.2 Max at 120 Hz and 20°C

Temperature Range: -25°C to +125°C

ESR: 4.8761 Ohms Max at 20°C and 120 Hz

Impedance: N/A

Tolerance: -20 %, +20 %

WVDC: 160 Volts DC

SVDC: 200 Volts DC

Ripple Current: 245 mA at 120 Hz and 125°C

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

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

.01CV or 3uA, whichever is greater
uA after 2 Minutes

Load Life: 2000 hours at 125°C with 100 % of rated voltage and with 0 % 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
1			1.3	1.4	1.5

Temperature Multipliers:

45°C	60°C	70°C	65°C	75°C	85°C	105°C	125°C
1	1	1	1	1	1	1	1

PHYSICAL DIMENSIONS

Diameter (D): 12.5 mm + 0.5 mm

Length (L): 25 mm + 2 mm

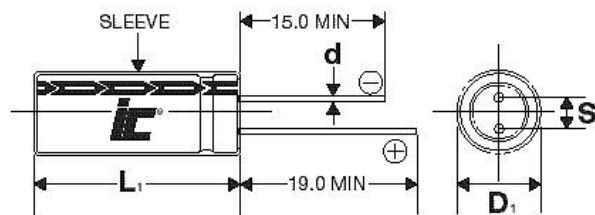
Lead Spacing (S): 5 mm +/- 0.5 mm

Coating: GreenPVC 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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