

PART NUMBER: 227CKS016M



RADIAL LEAD GENERAL PURPOSE

Parts are RoHS compliant

Date code when parts became RoHS: 23

FEATURES

small size, low cost

Capacitance: 220 uF

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

Temperature Range: -40°C to +85°C

ESR: 1.206 Ohms Max at 20°C and 120 Hz

Impedance: N/A

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

22 uA after 1 Minute

.01CV or 3uA, whichever is greater

35uA after 2 Minutes

Load Life: 2000 hours at 85°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

APPLICATIONS

General Purpose, bypass, coupling, filtering

Tolerance: -20 % , +20 %

WVDC: 16 Volts DC

SVDC: 20 Volts DC

Ripple Current: 290 mA at 120 Hz and 85°C

Impedance Ratios:

-25°C/20°C - 4

-40°C/20°C - 6

Ripple Current Multipliers

Frequency Multipliers:

50 Hz	120 Hz	400 Hz	1 kHz	10 kHz	100 kHz
0.8	1	1.23	1.34	1.5	1.5

Temperature Multipliers:

45°C	60°C	70°C	65°C	75°C	85°C	105°C	125°C
1.8	1.7	1.4	1.6	1	1	0	0

PHYSICAL DIMENSIONS

Diameter (D): 6.3 mm + 0.5 mm

Length (L): 11 mm + 1.5 mm

Lead Spacing (S): 2.5 mm +/- 0.5 mm

Coating: Black PET sleeving

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

Lead Length: 15 mm +/- MIN mm

Lead Finish: Matte Tin

