

FEATURES

low cost

APPLICATIONS

General purpose, filtering, bypass, coupling

ELECTRICAL SPECIFICATIONS

Capacitance: 100 μ F

Dissipation Factor: 0.15 Max at 120 Hz

Temperature Range: -40°C to +85°C

ESR: 2.487 Ohms Max at 20°C and 120 Hz

Impedance: N/A

Tolerance: -20 % , +20 %

WVDC: 25 Volts DC

SVDC: 32 Volts DC

Ripple Current: 170 mA at 120 Hz and 85°C

Impedance Ratios: -25°C/20°C - 2

-40°C/20°C - 4

Leakage Current: .03CV or 4 μ A, whichever is greater 75 μ A after 1 Minute

.01CV or 3 μ A, whichever is greater

25 μ A after 2 Minutes

Load Life: 2000 hours at 85°C with 100 % of rated voltage and with 0 % of rated ripple current

Max Capacitance Change: \leq 20% of initially measured value

Dissipation Factor Change: \leq 200% of maximum specified value

Leakage Current: \leq 100% of maximum specified value

Ripple Current Multipliers

Frequency Multipliers:

50 Hz	120 Hz	400 Hz	1 kHz	10 kHz	100 kHz
0.85	1	1	1.1	1.2	1.2

Temperature Multipliers:

45°C	60°C	70°C	65°C	75°C	85°C	105°C	125°C
1.25	1.25	1.14	1.25	1.14	1	0	0

PHYSICAL DIMENSIONS

Diameter (D): 6.3 mm +/- 0.5 mm

Length (L): 13 mm, +/- 1.5 mm

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

Lead Length (LL): 35 mm, +/- MIN mm

Lead Finish: Matte Tin

Coating: GRAY PVC sleeving

