

PART NUMBER: 277LMH350M2BF

SNAP-IN/ SNAP MOUNT

Parts are RoHS compliant

Date code when parts became RoHS: 27



FEATURES

bulk filtering, high current, snap mount leads, 105C, reduced case size

Capacitance: 270 uF

Dissipation Factor: 0.15 Max at 120 Hz and 20°C

Temperature Range: -25°C to +105°C

ESR: 921.04 milliOhms Max at 20°C and 120 Hz

Impedance: N/A

Leakage Current: $3\sqrt{CV}$

922 uA after 5 Minutes

Load Life: 2000 hours at 105°C with 100 % of rated voltage and with 100 % of rated ripple current

Capacitance Change: $\leq 20\%$ of initial measured value

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

Leakage Current: $\leq 100\%$ of maximum specified value

APPLICATIONS

Filtering, switching power supplies

Tolerance: -20 % , +20 %

WVDC: 350 Volts DC

SVDC: 400 Volts DC

Ripple Current: 1.1 A at 120 Hz and 105°C

Impedance Ratios:

-25°C/20°C - 8

Ripple Current Multipliers

Frequency Multipliers:

50 Hz	120 Hz	400 Hz	1 kHz	10 kHz	100 kHz
0.8	1	1	1.3	1.47	1.47

Temperature Multipliers:

45°C	60°C	70°C	65°C	75°C	85°C	105°C	125°C
2	1.9	1.7	1.8	1.4	1.4	1	0

PHYSICAL DIMENSIONS

Diameter (D): 22 mm + 1 mm

Length (L): 40 mm + 2 mm

Lead Spacing (S): 10 mm +/- 1 mm

Coating: Green PET sleeving

Lead Wire Width (R): 1.5 mm +/- 0.5 mm

Lead Length (LL): 4 mm +/- 1 mm

Lead Finish: Matte Tin

