

+105°C General Purpose Surface Mount Aluminum Electrolytic Capacitors

Part Number: 226SMH6R3M



This part is RoHS compliant

Electrical Specifications

Capacitance: 22 uF

Tolerance: -20 %, +20 %

WVDC: 6.3 volts DC

SVDC: 7.9 volts DC

Dissipation Factor:
0.28 at 120 Hz, 20°C

Temperature Range:
-55°C to +105°C

Impedance:

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

ESR:
21.1 Ohms at 120 Hz and 20°C

Ripple Current:
22 mA at 120 Hz and 105°C

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

Load Life:
1000 Hours at 105°C with 100% of rated voltage and with 0% of rated ripple current

Frequency Multipliers

50 Hz	120 Hz	400 Hz	1 KHz	10 KHz	100 KHz
0.8	1	1	1.1	1.3	1.5

Temperature Multipliers

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

Physical Specifications

Diameter (D): 4 mm + 0.5 mm
Length (L): 5.4 mm + 0.2 mm
Pad Spacing(C): 5 mm +/- 0.2 mm
Lead Width (R): 0.5 mm to 0.8 mm
Lead Spacing (P): 1 mm +/- 0.2 mm
Pad Length(H): 4.3 mm +/- 0.2 mm
Pad Width(W): 4.3 mm +/- 0.2 mm

