

278LMH080MZBG

SNAP-IN/ SNAP MOUNT

Parts are RoHS compliant

Date code when parts became RoHS: 15

APPLICATIONS: Filtering, switching power supplies

ELECTRICAL SPECIFICATIONS

Capacitance: 2700 uF
Dissipation Factor: 0.15 Max at 120 Hz and 20°C
Temperature Range: -40°C to +105°C
Impedance: N/A

Tolerance: -20 %, +20 %
WVDC: 80 Volts DC
SVDC: 100 Volts DC
Ripple Current: 2.4 A at 120 Hz and 105°C
Impedance Ratios:-25°C/20°C 4 and -40°C/20°C - 15

Leakage Current: 3√CV
1394.3 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: ≤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
0.9	1	1	1.15	1.25	1.35

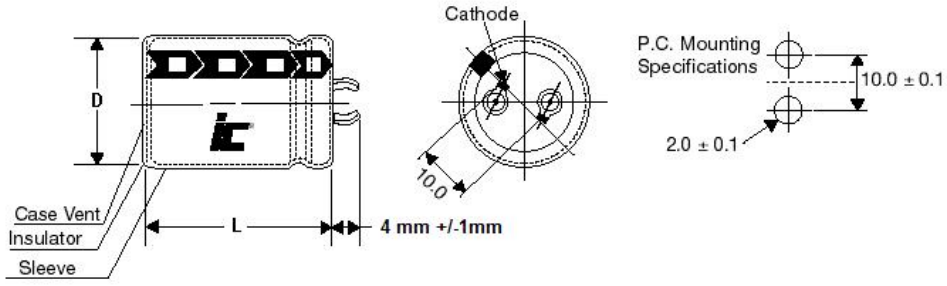
Temperature Multipliers:

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

PHYSICAL DIMENSIONS

Diameter (D): 22 mm + 1 mm
Length (L): 45 mm + 2 mm
Lead Spacing (S): 10 mm +/- 0.5 mm
Coating: GreenPET sleeving

Lead Wire Diameter (d): mm +/- 0.5 mm
Lead Length: 4 mm +/- 1 mm
Lead Finish: Matte Tin



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