



## 278LMH080MZCE

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:** 0.25 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:**  $3\sqrt{CV}$

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:**  $\leq 20\%$  of initial measured value

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

**Leakage Current:**  $\leq 100\%$  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):** 25 mm + 1 mm

**Length (L):** 35 mm + 2 mm

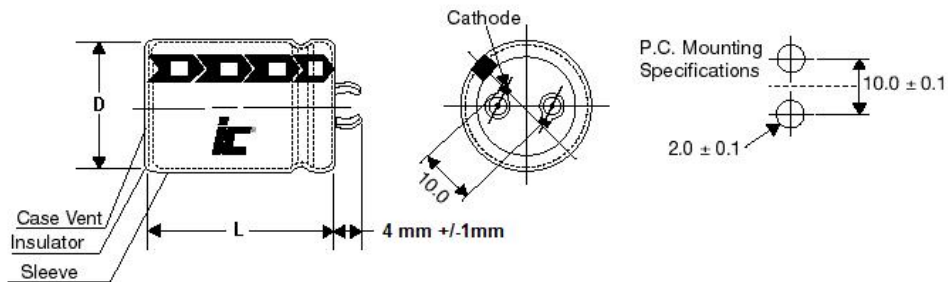
**Lead Spacing (S):** 10 mm +/- 0.5 mm

**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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