



## 226PBM050M

RADIAL LEAD BI-POLAR/ NON-POLAR

Parts are RoHS compliant

Date code when parts became RoHS: 23

**APPLICATIONS:** audio coupling, speaker crossover circuits

### ELECTRICAL SPECIFICATIONS

**Capacitance:** 22  $\mu$ F

**Dissipation Factor:** 0.14 Max at 120 Hz and 20°C

**Temperature Range:** -40°C to +85°C

**ESR:** 10.55 Ohms Max at 20°C and 120 Hz

**Impedance:** N/A

**Tolerance:** -20 %, +20 %

**WVDC:** 50 Volts DC

**SVDC:** 63 Volts DC

**Ripple Current:** 65 mA at 120 Hz and 85°C

**Impedance Ratios:**-25°C/20°C 2 and -40°C/20°C - 3

**Leakage Current:** .05CV or 10 $\mu$ A, whichever is greater  
55  $\mu$ A after 2 Minutes

**Load Life:** 1000 hours at 85°C with 100 % of rated voltage and with 0 % 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
0.75	1	1	1.45	1.7	1.7

#### Temperature Multipliers:

45°C	60°C	70°C	65°C	75°C	85°C	105°C	125°C
1.8	1.5	1.3	1.4	1	1	0	0

### PHYSICAL DIMENSIONS

**Diameter (D):** 8 mm + 0.5 mm

**Length (L):** 7 mm + 1 mm

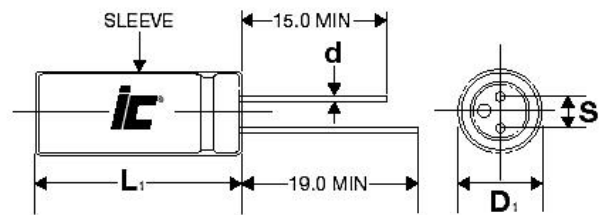
**Lead Spacing (S):** 3.5 mm +/- 0.5 mm

**Coating:** BlackPET sleeving

**Lead Wire Diameter (d):** 0.5 mm +/- 0.05 mm

**Lead Length:** 15 mm +/- MIN mm

**Lead Finish:** Matte Tin



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