



## 226FXM400M

RADIAL LEAD LOW PROFILE

Parts are RoHS compliant

Date code when parts became RoHS: 15

**APPLICATIONS:** General Purpose, Bypass, coupling, Filtering, Handheld devices

### ELECTRICAL SPECIFICATIONS

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

**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:** 400 Volts DC

**SVDC:** 450 Volts DC

**Ripple Current:** 200 mA at 120 Hz and 105°C

**Impedance Ratios:**-25°C/20°C 4 and -40°C/20°C - 10

**Leakage Current:** .04CV+100 $\mu$ A

452  $\mu$ A after 1 Minute

**Load Life:** 1000 hours at 105°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
0.8	1	1.23	1.32	1.5	1.5

#### 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):** 18 mm + 0.5 mm

**Length (L):** 15 mm + 1.5 mm

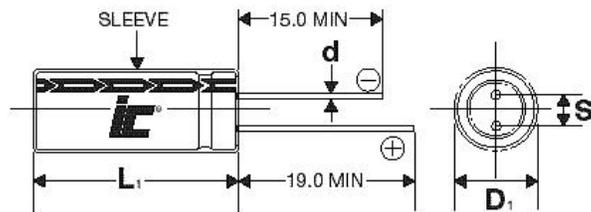
**Lead Spacing (S):** 7.5 mm +/- 0.5 mm

**Coating:** BrownPET sleeving

**Lead Wire Diameter (d):** 0.8 mm +/- 0.05 mm

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

**Lead Finish:** Matte Tin



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