PART NUMBER: 475TTA250M
+85°C, STANDARD, GENERAL PURPOSE 2000 HOURS PARTS ARE ROHS COMPLIANT

FEATURES

low cost

APPLICATIONS

General purpose, filtering, bypass, coupling

ELECTRICAL SPECIFICATIONS

Capacitance: 4.7 uF
Dissipation Factor: 0.2 Max at 120 Hz
Temperature Range: -25°C to +85°C
ESR: 70.547 Ohms Max at 20°C and 120 Hz
Impedance: N/A

Tolerance: -20 % , +20 %
WVDC: 250 Volts DC
SVDC: 300 Volts DC
Ripple Current: 45 mA at 120 Hz and 85°C
Impedance Ratios: -25°C/20°C - 3
-40°C/20°C - 6

Leakage Current: .1CV+40uA 157.5 uA after 1 Minute

Load Life: 2000 hours at 85°C with 100 % of rated voltage and with 0 % of rated ripple current
Max Capacitance Change: ≤20% of initially measured value
Dissipation Factor Change: ≤200% of maximum specified value
Leakage Current: ≤100% of maximum specified value

Ripple Current Multipliers

Frequency Multipliers:

50 Hz	120 Hz	400 Hz	1 kHz	10 kHz	100 kHz
0.8	1	1	1.15	1.25	1.25

Temperature Multipliers:

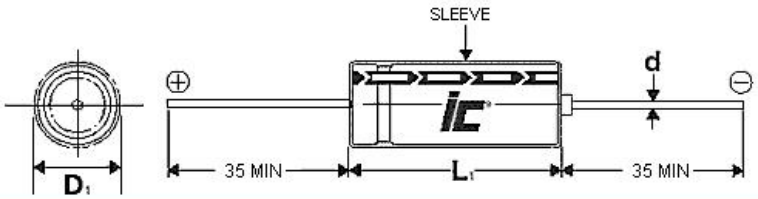
45°C	60°C	70°C:	65°C	75°C	85°C	105°C	125°C
1.25	1.25	1.14	1.25	1.14	1	0	0

PHYSICAL DIMENSIONS

Diameter (D): 8 mm +/- 0.5 mm
Length (L): 20 mm, +/- 2 mm

Lead Wire Diameter (d): 0.6 mm, +/- 0.05 mm
Lead Length (LL): 35 mm, +/- MIN mm
Lead Finish: Matte Tin

Coating: GRAY PVC sleeving



ILLINOIS CAPACITOR, INC.
3757 W. Touhy Ave. Lincolnwood, IL 60712 (847)-675-1760 FAX (847)-673-2850
Illinois Capacitor (HK) Ltd., Tel: 85227930931, Fax: 85227930731, www.illcap.com.hk
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