



225TXK450MFH

RADIAL LEAD HIGH FREQUENCY/ LOW IMPEDANCE

Parts are RoHS compliant

Date code when parts became RoHS: 1424

ELECTRICAL SPECIFICATIONS

Capacitance: 2.2 μ F

Dissipation Factor: 0.2 Max at 120 Hz and 20°C

Temperature Range: -25°C to +105°C

Impedance: N/A

Tolerance: -20 %, +20 %

WVDC: 450 Volts DC

SVDC: 500 Volts DC

Ripple Current: 45 mA at 120 Hz and 105°C

Impedance Ratios:-25°C/20°C 7 and -40°C/20°C -

Leakage Current: .02CV+25 μ A

44.8 μ A after 2 Minutes

Load Life: 5000 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
1	1	1	1.75	2.25	2.5

Temperature Multipliers:

45°C	60°C	70°C	65°C	75°C	85°C	105°C	125°C
2.3	2	1.9	2.17	1.75	1.75	1	0

PHYSICAL DIMENSIONS

Diameter (D): 8 mm + 0.5 mm

Length (L): 11.5 mm + 1.5 mm

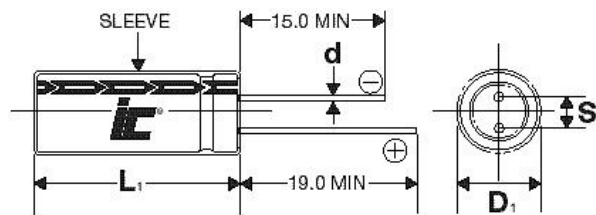
Lead Spacing (S): 3.5 mm +/- 0.5 mm

Coating: BlackPET sleeving

Lead Wire Diameter (d): 0.6 mm +/- 0.05 mm

Lead Length: 15 mm +/- MIN mm

Lead Finish: Matte Tin



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