

157CKS450MLCG

RADIAL LEAD GENERAL PURPOSE

Parts are RoHS compliant

Date code when parts became RoHS: 1406

APPLICATIONS: General Purpose, bypass, coupling, filtering

ELECTRICAL SPECIFICATIONS

Capacitance: 150 uF
Dissipation Factor: 0.24 Max at 120 Hz and 20°C
Temperature Range: -25°C to +85°C
ESR: 2.65258 Ohms Max at 20°C and 120 Hz
Impedance: N/A

Tolerance: -20 %, +20 %
WVDC: 450 Volts DC
SVDC: 500 Volts DC
Ripple Current: 860 mA at 120 Hz and 85°C
Impedance Ratios:-25°C/20°C 7 and -40°C/20°C - -

Leakage Current: .03CV+10uA
2035 uA after 2 Minutes

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

Frequency Multipliers:

50 HZ	120 HZ	400 HZ	1 KHZ	10 KHZ	100 KHZ
0.7	1	1.15	1.3	1.4	1.5

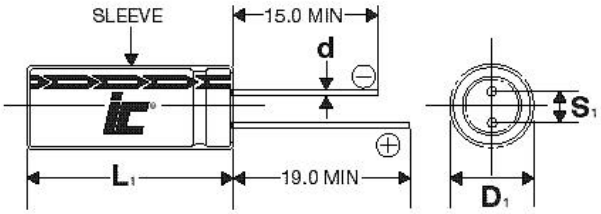
Temperature Multipliers:

45°C	60°C	70°C	65°C	75°C	85°C	105°C	125°C
1.8	1.7	1.4	1.6	1	1	0	0

PHYSICAL DIMENSIONS

Diameter (D): 18 mm + 0.5 mm
Length (L): 40 mm + 2 mm
Lead Spacing (S): 7.5 mm +/- 0.5 mm
Coating: BlackPET sleeving

Lead Wire Diameter (d): 0.8 mm +/- 0.05 mm
Lead Length: 15 mm +/- MIN mm
Lead Finish: Matte Tin



ILLINOIS CAPACITOR

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
© Copyright 2017 Illinois Capacitor. A division of Cornell Dubilier, All Rights Reserved