



LLS Series 105°C

低漏電超迷你型製品系列

Features

- 105°C. 1000 hours assured. 5mm height with low leakage current
- Use in very compact high temperature industrial equipment

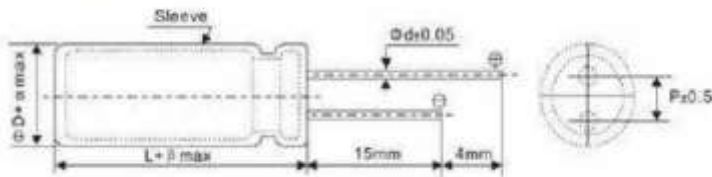


Specifications

Item	Characteristics								
Category Temperature Range	-40 - +105°C								
Voltage Range	4 - 50V.DC								
Nominal Cap.Range	0.1- 100μF								
Capacitance Tolerance	±20% (at 120Hz. 20°C)								
Leakage Current	I=0.002CV or 0.4(μA) ,whichever is greater(After 2 minutes). where,I: Max.leakage current(μA),C:Nominal capacitance(μF),V:Rated voltage(V)(at 20°C)								
Dissipation Factor (MAX) (tan δ) (at 120Hz ,20°C)	WV	4	6.3	10	16	25	35	50	
	tan δ	0.35	0.24	0.20	0.16	0.14	0.12	0.10	
Low Temp.Impedance Stability at 120Hz	WV	4	6.3	10	16	25	35	50	
	Z-25°C Z+20°C	7	5	3	2	2	2	2	
	Z-40°C /Z+20°C	15	10	8	6	4	3	3	
Endurance	After applying rated voltage with max ripple current for 1000 hours at 105°C the capacitor shall meet the following requirements.								
	Capacitance Change				±20% of the initialvalue				
	Dissipation Factor				200% of the initial specified value				
Shelf Life	After storage for 500 hours at 105°C with no voltage applied,voltage treatment of JIS C 5101-4 article 4.1 is to be given and then measurement shall be made, at which time requirements specified in the table "High Temperature Loading" can be met.								

Note:Some cleaning solvents may adversely affect the capacitors,Consult us about the suitable type of cleaning solvents to be used.

Diagram Of Dimensions



Unt:mm

ΦD	4	5	6.3
P	1.5	2.0	2.5
Φd	0.45		
a	1.0		
a	0.5		

•MULTIPLIER FOR RIPPLE CURRENT

(1) Frequency Coefficient

Freq.(Hz) Cap.(μF)	60(50)	120	1K	10K
0.1~47	0.80	1.00	1.30	1.50
68~100	0.80	1.00	1.15	1.20

(2) Temperature Coefficient

Ambient Temperature(°C)	40	50	60	75	85
Coefficient	2.00	1.80	1.60	1.30	1.00

