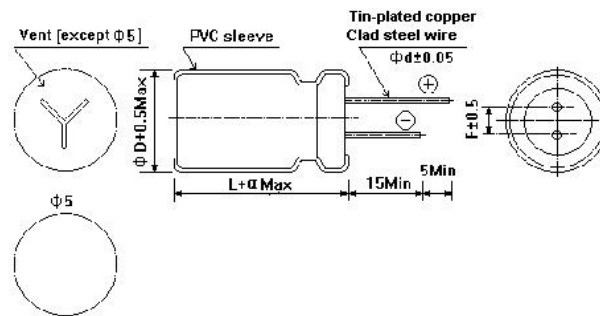


ALUMINUM ELECTROLYTIC CAPACITOR SPECIFICATION

- 1.) Product Code: ECR2GLK470MLL125030E
Series CD_261_LK



2.) Dimensions:

Diameter	D = 12.5 mm
Length	L = 30 mm
Length Tolerance	aMax=2.0 mm
Wire Diameter	d=0.6 mm
Pitch	F=5.0 mm
Lead Form	Long Lead

3.) Specification:

Item:	Value:	Condition:
Capacitance	47 μ F	$\pm 20\%$ at 20°C / 120Hz
Rated Voltage	400VDC	at 105°C
Surge Voltage	400VDC	
Operating Temperature	-40°C ~ +105°C	
Max. Dissipation Factor Tan δ	0.20	at 20°C / 120Hz
Max. Leakage Current	852 μ A	after 1 minutes at 20°C
Rated Ripple Current I _R	800mA _{rms}	at 105°C / 100KHz
Others	The other electrical and mechanical characteristics, JIS-C-5101-4 correspondingly to apply	

4.) Lifetime:

	Load Life (Ur, Ir, 105°C)	Shelf Life (105°C)
Lifetime	12000h	1 000h
Leakage Current	Not more than specified value	Not more than specified value
Capacitance Change	Within $\pm 30\%$ of initial value	Within $\pm 20\%$ of initial value
Dissipation Factor	Not more than 300% of specified value	Not more than 200% of specified value

5.) Ripple Current Frequency Coefficient:

Frequency	120Hz	1kHz	10kHz	50kHz	100kHz
Coefficient	0.40	0.60	0.84	1.00	1.00

6.) Temperature Coefficient:

Temperature, °C	+65	+85	+105
Coefficient	2.1	1.7	1.0