

105°C Use, High-Reliability, Low Impedance Capacitors

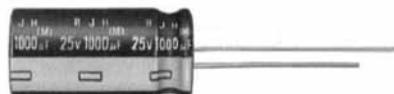
GREEN CAP Low Impedance 105°C 5000hours Anti-cleaning solvent

- The capacitor of this Series achieves high reliability under the environmental loading prevailing in a piece of equipment on which it is mounted.

- Guarantees 5000 hours at 105°C.

(φ5 to 6.3 : 2000 hours ; φ8 to 10 : 3000 hours)

Low impedance



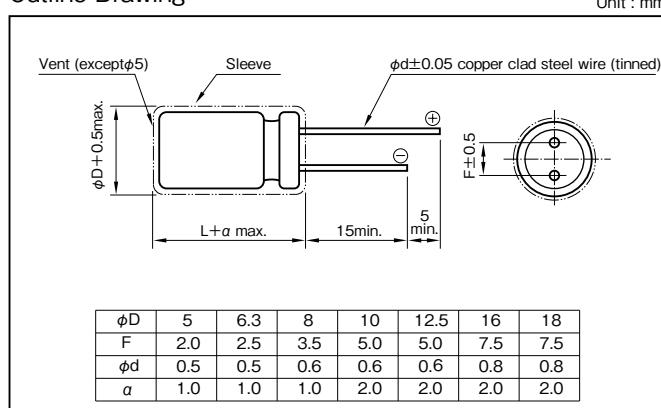
Marking color : White print on a black sleeve

Specifications

Item	Performance								
Category temperature range (°C)	−55 to +105								
Tolerance at rated capacitance (%)	±20 (20°C,120Hz)								
Leakage current (μA)	Less than 0.01CV + 2 (after 2 minutes) C : Rated capacitance (μF) ; V : Rated voltage (V) (20°C)								
Tangent of loss angle (tanδ)	Rated voltage (V)	6.3	10	16	25	35	50	63	
	tanδ (max.)	0.22	0.19	0.16	0.14	0.12	0.10	0.08	
	0.02 is added to every 1000μF increase over 1000μF. (20°C,120Hz)								
Characteristics at high and low temperature	Rated voltage (V)	6.3	10	16	25	35	50	63	
	Impedance ratio (max.)	Z−25°C/Z+20°C	2	2	2	2	2	2	
		Z−55°C/Z+20°C	3	3	3	3	3	3	
	(120Hz)								
Endurance (105°C) (Applied ripple current)	Test time	5000 hours (φ5 to 6.3 : 2000 hours) (φ8 to 10 : 3000 hours)							
	Leakage current	The initial specified value or less							
	Percentage of capacitance change	Within ±20% of initial value							
	Tangent of the loss angle	200% or less of the initial specified value							
Shelf life (105°C)	Test time	1000 hours							
	Leakage current	The initial specified value or less							
	Percentage of capacitance change	Within ±15% of initial value							
	Tangent of the loss angle	150% or less of the initial specified value							
Voltage application treatment	JIS C5101-1, -4 1998 (IEC 60384-1 1992, -4 1985)								
Applicable standards									

Outline Drawing

Unit : mm



Coefficient of Frequency for Rated Ripple Current

Rated capacitance (μF)	Frequency (Hz)	120	1k	10k	100k
1 to 4.7	0.40	0.68	0.78	1	
5.6 to 47	0.50	0.76	0.87	1	
56 to 270	0.70	0.85	0.90	1	
330 to 1000	0.80	0.93	0.98	1	
1200 to 15000	0.90	0.95	1.00	1	

Part numbering system (example : 10V5600μF)

RJH	—	10	V	562	M	J7	#	—	□
Series code		Rated voltage symbol		Rated capacitance symbol	Capacitance tolerance symbol	Casing symbol		Taping/Forming symbol	

NOTE : Design, Specifications are subject to change without notice.

It is recommended that you shall obtain technical specifications from ELNA to ensure that the component is suitable for your use.

