

For AirBag

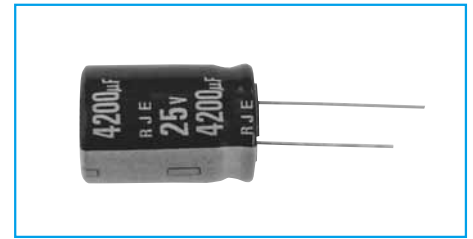
GREEN CAP

105°C 5000hours

Anti-cleaning solvent

For AirBag

- For AirBag application
- High capacitance, low impedance, and good low temperature behavior
- Guarantees 5000 hours at 105°C.



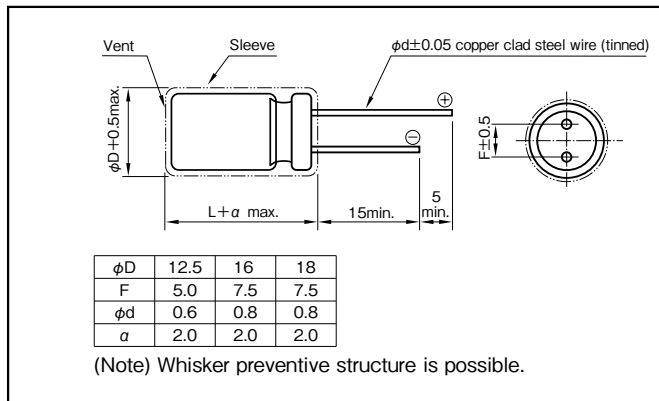
Marking color : White print on a black sleeve

Specifications

Item	Performance		
Category temperature range (°C)	-55 to +105		
Tolerance at rated capacitance (%)	0 to +30 (20°C,120Hz)		
Leakage current (µA)	Less than 0.01CV (after 2 minutes) C : Rated capacitance (µF) , V : Rated voltage (V) (20°C)		
Tangent of loss angle (tanδ)	Rated voltage (V)	25	35
	tanδ (max.)	0.20	0.16
0.02 is added to every 1000µF increase over 1000µF (20°C,120Hz)			
Characteristics at high and low temperature	Rated voltage (V)	25	35
	Impedance ratio (max.) Z-55°C/Z+20°C	0.20	0.16
(120Hz)			
Endurance (105°C)	Test time	5000 hours	
	Leakage current	The initial specified value or less	
	Percentage of capacitance change	Within ±30% of initial value	
	Tangent of loss angle	300% or less of the initial specified value	
Shelf life (105°C)	Test time : 1000 hours ; other items are the same as those for the endurance. Voltage application treatment		
Applicable standards	JIS C5101-1, -4 1998 (IEC 60384-1 1992, -4 1985)		

Outline Drawing

Unit : mm



Coefficient of Frequency for Rated Ripple Current

Frequency (Hz)	50 · 60	120	1k	10k·100k
Rated capacitance (µF)				
830 to 1100	0.70	0.75	0.90	1
1200 to 11000	0.80	0.85	0.95	1

Part numbering system (example : 25V422 A I9 (#)Q - □)

RJE	—	25	V	422	A	I9	(#)	Q	—	□
Series code		Rated voltage symbol		Rated capacitance symbol	Capacitance tolerance symbol	Casing symbol	Optional symbol			Taping(Forming) symbol

If it is whisker preventive structure, should change “#” into “G”.

Standard Ratings

Case size φD×L (mm)	Casing symbol	Rated voltage(V)		25			35			
		Item	Capacitance (µF)	ESR Ω (max.) / 100kHz		Rated ripple current (mA rms)	Capacitance (µF)	ESR Ω (max.) / 100kHz		Rated ripple current (mA rms)
				20°C	-40°C			20°C	-40°C	
12.5×15	I4	1100	0.174	0.52	1210	830	0.174	0.52	1210	
12.5×20	I5	1800	0.107	0.27	1670	1300	0.107	0.27	1670	
12.5×25	I6	2400	0.084	0.21	1950	1600	0.084	0.21	1950	
12.5×30	I7	3200	0.070	0.18	2330	2200	0.070	0.18	2330	
12.5×35	I8	3700	0.062	0.16	2620	2500	0.062	0.16	2620	
12.5×40	I9	4200	0.048	0.12	3160	2900	0.048	0.12	3160	
16×16	J4	2100	0.121	0.36	1700	1500	0.121	0.36	1700	
16×20	J5	3100	0.082	0.21	2230	2100	0.082	0.21	2230	
16×25	J6	4300	0.062	0.16	2650	3000	0.062	0.16	2650	
16×31.5	J7	5800	0.051	0.13	3210	4000	0.051	0.13	3210	
16×35.5	J8	6800	0.045	0.11	3570	4600	0.045	0.11	3570	
16×40	J9	7800	0.042	0.11	3880	5300	0.042	0.11	3880	
18×16	K4	3000	0.107	0.32	2010	2100	0.107	0.32	2010	
18×20	K5	4300	0.079	0.20	2500	3000	0.079	0.20	2500	
18×25	K6	6000	0.056	0.14	3000	4200	0.056	0.14	3000	
18×31.5	K7	8000	0.045	0.11	3660	5600	0.045	0.11	3660	
18×35.5	K8	9300	0.042	0.11	3960	6500	0.042	0.11	3960	
18×40	K9	11000	0.040	0.10	4300	7400	0.040	0.10	4300	

(Note) Rated ripple current : 105°C, 100kHz

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.