

For AirBag

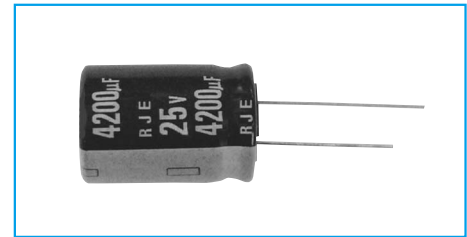
GREEN
CAP

105°C
3000hours

Anti-
cleaning
solvent

For AirBag

- For AirBag application
- High capacitance, low impedance, and good low temperature behavior
- Guarantees 3000 hours at 105°C.



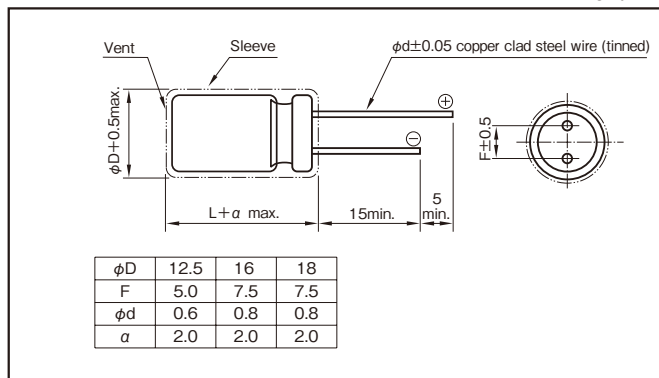
Marking color : White print on a black sleeve

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
	tanδ (max.)		0.20
	0.02 is added to every 1000μF increase over 1000μF (20°C,120Hz)		
Characteristics at high and low temperature	Rated voltage (V)		25
	Impedance ratio (max.)	Z-55°C/Z+20°C	3
	(120Hz)		
Endurance (105°C)	Test time		3000 hours
	Leakage current		The initial specified value or less
	Percentage of capacitance change		Within -20% to +20% of initial value
	Tangent of loss angle		200% 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, -18 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 : 25V420µF)

RJE	—	25	V	422	A	I9	#Q
Series code		Rated voltage symbol		Rated capacitance symbol	Capacitance tolerance symbol	Casing symbol	Additional symbol

Standard Ratings

Rated voltage(V) Case size φD×L (mm)		Item Casing symbol	25				35			
			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	I4	1100	0.174	0.52	1210	830	0.174	0.52	1210
12.5×20	I5	I5	1800	0.107	0.27	1670	1300	0.107	0.27	1670
12.5×25	I6	I6	2400	0.084	0.21	1950	1600	0.084	0.21	1950
12.5×30	I7	I7	3200	0.070	0.18	2330	2200	0.070	0.18	2330
12.5×35	I8	I8	3700	0.062	0.16	2620	2500	0.062	0.16	2620
12.5×40	I9	I9	4200	0.048	0.12	3160	2900	0.048	0.12	3160
16×16	J4	J4	2100	0.121	0.36	1700	1500	0.121	0.36	1700
16×20	J5	J5	3100	0.082	0.21	2230	2100	0.082	0.21	2230
16×25	J6	J6	4300	0.062	0.16	2650	3000	0.062	0.16	2650
16×31.5	J7	J7	5800	0.051	0.13	3210	4000	0.051	0.13	3210
16×35.5	J8	J8	6800	0.045	0.11	3570	4600	0.045	0.11	3570
16×40	J9	J9	7800	0.042	0.11	3880	5300	0.042	0.11	3880
18×16	K4	K4	3000	0.107	0.32	2010	2100	0.107	0.32	2010
18×20	K5	K5	4300	0.079	0.20	2500	3000	0.079	0.20	2500
18×25	K6	K6	6000	0.056	0.14	3000	4200	0.056	0.14	3000
18×31.5	K7	K7	8000	0.045	0.11	3660	5600	0.045	0.11	3660
18×35.5	K8	K8	9300	0.042	0.11	3960	6500	0.042	0.11	3960
18×40	K9	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.
Ask factory for technical specifications before purchase and/or use.