

**ELNA****Miniature Aluminum Electrolytic Capacitors RJE series**

Code in front of series have been extracted from product code, which describes the segment of products, such as type and features.

- For SRS AirBag application
- Special tolerance at rated capacitance and high capacitance.
- Guaranteed 5000 hours at 105°C.
- Environmental : GREEN CAP™, RoHS compliance.

For SAS AirBag



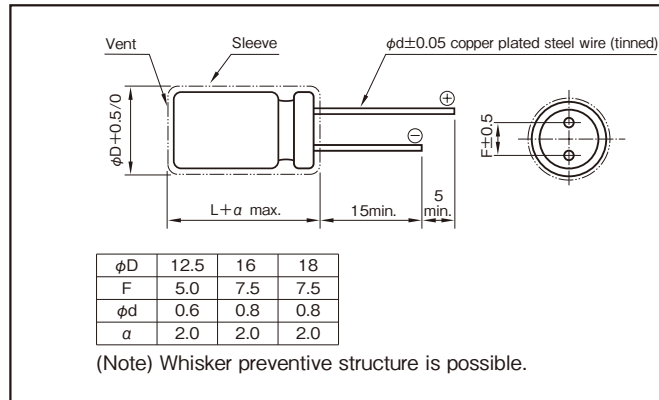
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**Specifications**

Item	Performance		
Category temperature range (°C)	-55 to +105		
Tolerance at rated capacitance (%)	0 to +30 (20°C,120Hz)		
Leakage current (μA) (max.)	0.01CV (after 2 minutes) C : Rated capacitance (μF) , V : Rated voltage (V) (20°C)		
Tangent of loss angle (tanδ)	0.02 is added to every 1000μF increase over 1000μF (20°C,120Hz)		
	Rated voltage (V)	25	35
	tanδ (max.)	0.20	0.16
Characteristics at high and low temperature	(120Hz)		
	Rated voltage (V)	25	35
	Impedance ratio (max.) Z-55°C/Z+20°C	3	3
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 : 1000hours ; other items are same as the endurance. Voltage application treatment : According to JIS C5101-4 4.1		
Applicable standards	JIS C5101 - 1,- 4 (IEC 60384 - 1,- 4)		

**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

Product code system : 25V4200µF  
 (\*For automotive: powertrain, safety)

RA*	RJE	422	A	1T	G40	300	T
Category code	Series code	capacitance code	Cap tol. code	Voltage code	Size code	Lead-forming and packing code	Additional code

- If it is whisker preventive structure, should change "T" into "G".
  - For details, refer to the various "Product Code System" pages.
  - Lead-forming and packing code on this page are for lead long and standard packing products.
- For standard packing, please refer to the "PACKING" page.

**Standard Ratings**

Rated voltage(V)		25 (1T)				35 (1G)			
Case size $\phi D \times L$ (mm)	Item Size code	Rated capacitance (µF)	ESR $\Omega$ (max.)		Rated ripple current (mA rms)	Rated capacitance (µF)	ESR $\Omega$ (max.)		Rated ripple current (mA rms)
			20°C	-40°C			20°C	-40°C	
12.5×15	G15	1100	0.174	0.52	1210	830	0.174	0.52	1210
12.5×20	G20	1800	0.107	0.27	1670	1300	0.107	0.27	1670
12.5×25	G25	2400	0.084	0.21	1950	1600	0.084	0.21	1950
12.5×30	G30	3200	0.070	0.18	2330	2200	0.070	0.18	2330
12.5×35	G35	3700	0.062	0.16	2620	2500	0.062	0.16	2620
12.5×40	G40	4200	0.048	0.12	3160	2900	0.048	0.12	3160
16×16	J16	2100	0.121	0.36	1700	1500	0.121	0.36	1700
16×20	J20	3100	0.082	0.21	2230	2100	0.082	0.21	2230
16×25	J25	4300	0.062	0.16	2650	3000	0.062	0.16	2650
16×31.5	J31	5800	0.051	0.13	3210	4000	0.051	0.13	3210
16×35.5	J35	6800	0.045	0.11	3570	4600	0.045	0.11	3570
16×40	J40	7800	0.042	0.11	3880	5300	0.042	0.11	3880
18×16	K16	3000	0.107	0.32	2010	2100	0.107	0.32	2010
18×20	K20	4300	0.079	0.20	2500	3000	0.079	0.20	2500
18×25	K25	6000	0.056	0.14	3000	4200	0.056	0.14	3000
18×31.5	K31	8000	0.045	0.11	3660	5600	0.045	0.11	3660
18×35.5	K35	9300	0.042	0.11	3960	6500	0.042	0.11	3960
18×40	K40	11000	0.040	0.10	4300	7400	0.040	0.10	4300

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