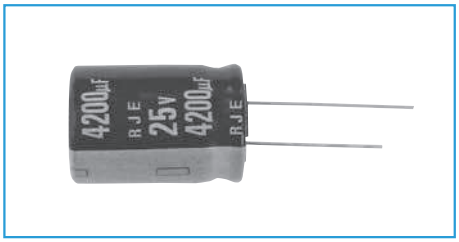
For SRS AirBag

GREEN CAP | 105℃ 5000hours | Anti-cleaning solvent | For AirBag

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

For SAS AirBag

RJE ⇦ RJD



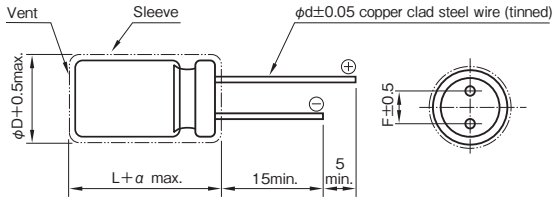
Marking color : White print on a black sleeve

Specifications

Item	Performance
Category temperature range (℃)	−55 to +105
Tolerance at rated capacitance (%)	0 to +30 (20℃,120Hz)
Leakage current (μA)	Less than 0.01CV (after 2 minutes) C : Rated capacitance (μF) , V : Rated voltage (V) (20℃)
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℃,120Hz)
Characteristics at high and low temperature	Rated voltage (V): 25 / 35; Impedance ratio (max.) Z−55℃/Z+20℃: 3 / 3 (120Hz)
Endurance (105℃)	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℃)	Test time : 1000hours ; other items are same as the endurance. Voltage application treatment : According to JIS C5101-4
Applicable standards	JIS C5101-1, -4 1998 (IEC 60384-1 1992, -4 1985)

Outline Drawing

Unit : mm



φD	12.5	16	18
F	5.0	7.5	7.5
φd	0.6	0.8	0.8
α	2.0	2.0	2.0

(Note) Whisker preventive structure is possible.

Coefficient of Frequency for Rated Ripple Current

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

Part numbering system (example : 25V4200μF)

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	25 Capacitance (μF)	25 ESR Ω (max.) / 100kHz 20℃	25 ESR Ω (max.) / 100kHz − 40℃	25 Rated ripple current (mArms)	35 Capacitance (μF)	35 ESR Ω (max.) / 100kHz 20℃	35 ESR Ω (max.) / 100kHz − 40℃	35 Rated ripple current (mArms)
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℃, 100kHz