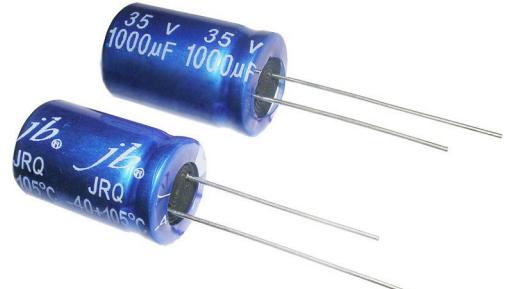


# Radial Aluminum Electrolytic Capacitor – JRQ

## FEATURES

- Bi-polarized
- 105°C 1000 hours
- Used in polarity reverse and change circuits



## SPECIFICATIONS

Operating Temperature Range (°C) -40°C ~ +105°C

Capacitance Tolerance (20°C, 120Hz) ±20%

Leakage Current (µA) I≤0.03CV + 3( µA) (1 minute)

Dissipation Factor (+25°C, 120Hz)

Rated voltage(V)	10	16	25	35	50	63	100	160
Tan δ	0.24	0.22	0.20	0.15	0.14	0.10	0.09	0.15

For capacitance value > 1000µF, add 0.02 for every increase of 1000µF

Temperature Characteristics (120Hz)

Rated Voltage (V)	10	16	25	35	50	63	100	160
Impedance Ratio Z-25°C/Z+20°C	3			2			4	
Z-40°C/Z+20°C	8	6	5	4		3		-

Load Life (+105°C)

After applying rated voltage for 500x2 hours at +105°C and then resumed 16 hours

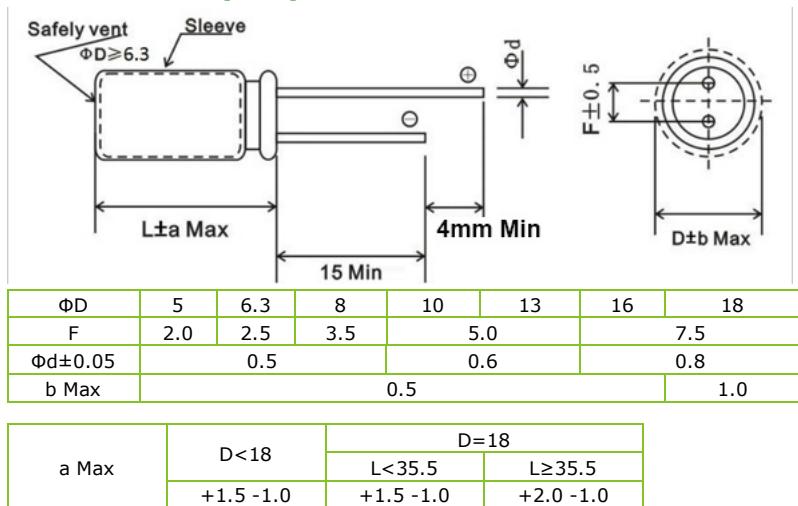
Leakage current	≤Initial specified value
Capacitance change	±20% initial measured value
Dissipation factor	≤ 2 Initial specified value

Shelf Life (+105°C)

After storage for 1000 hours at +105°C and then resumed 16 hours

Leakage current	≤ 2 Initial specified value
Capacitance change	±20% initial measured value
Dissipation factor	≤ 2 Initial specified value

## DIMENSIONS (mm)



## MULTIPLIER FOR RIPPLE CURRENT

### Frequency coefficient

Rated Voltage(V)	Freq(Hz) 50,60	120	1K	10K	100K
6.3 ~ 16	0.80	1	1.1	1.2	1.2
25 ~ 35	0.80	1	1.5	1.7	1.7
50 ~ 160	0.80	1	1.6	1.9	1.9

### Temperature coefficient

Temperature (°C)	+70	+85
Factor	1.35	1

Please visit our website to get more update data, those data & specification are subject to change without notice.



*Just your best choice*

## Radial Aluminum Electrolytic Capacitor – JRQ

### STANDARD RATINGS

Cap/μF \ WV/V	10V		16V		25V		35V	
<b>4.7</b>	--	--	--	--	--	--	5x11	23
<b>10</b>	--	--	5x11	31	5x11	31	5x11	31
<b>22</b>	5x11	41	5x11	38	5x11	48	6.3x11	52
<b>33</b>	5x11	50	5x11	62	6.3x11	62	6x12	68
<b>47</b>	5x11	58	5x11	71	6.3x11	89	8x12	95
<b>100</b>	6.3x11	102	6x12	115	8x12	147	8x16	152
<b>220</b>	6x12	185	8x12	252	10x13	263	10x17	285
<b>330</b>	8x16	275	8x16	305	10x17	355	10x21	383
<b>470</b>	8x16	310	10x17	363	10x21	408	13x21	415
<b>1000</b>	10x21	575	13x20	648	13x25	768	16x26	802
<b>2200</b>	13x25	955	16x26	1015	16x35	1186	--	--
<b>3300</b>	16x26	1255	19x35	1311	--	--	--	--
<b>4700</b>	19x35	1553	--	--	--	--	--	--

Rated ripple current (mA. m.s./105°C, 120Hz)

Cap/μF \ WV/V	50V		63V		100V		160V	
<b>0.47</b>	--	--	--	--	5x11	9.2	--	--
<b>1</b>	--	--	--	--	5x11	13	--	--
<b>2.2</b>	--	--	--	--	5x11	19	--	--
<b>3.3</b>	5x11	21	5x11	23	5x11	24	8x12	55
<b>4.7</b>	5x11	25	5x11	38	6.3x11	38	8x12	63
<b>10</b>	6.3x11	41	6.3x11	53	8x12	58	10x17	79
<b>22</b>	8x12	84	8x12	88	10x13	95	10x21	118
<b>33</b>	8x12	95	10x13	105	10x21	113	13x25	145
<b>47</b>	8x16	109	10x13	115	10x21	128	12x35	168
<b>100</b>	10x17	183	10x21	215	13x25	234	16x30	338
<b>220</b>	13x21	315	13x25	385	16x26	415	--	--
<b>330</b>	13x25	412	16x26	550	--	--	--	--
<b>470</b>	16x30	529	19x35	598	--	--	--	--

Rated ripple current (mA. m.s./105°C, 120Hz)

Please visit our website to get more update data, those data & specification are subject to change without notice.