

# Radial Aluminum Electrolytic Capacitors – JRB

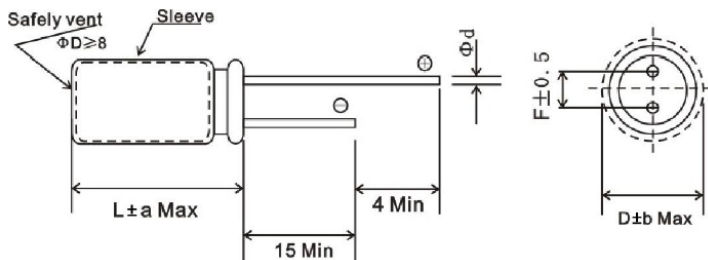
## 1. Standard Ratings:

part number JRB2W330M07501600260000B

capacitance	Voltage	tolerance	dimension	Pitch	ripple current(mArms) 105C' at 120Hz
( $\mu$ F)	(V)	(%)	(mm)	(mm)	
33	450	+/-20	16*26	7.5	

2. Operating Temperature: -25°C ~ +105°C

3. Dimension: (mm)



ØD	Ød	F±0.5	a	b
16	0.8	7.5	+1.5-1.0	0.5

## 4. Multiplier for Ripple Current vs. Frequency coefficient vs Temperature coefficient

Frequency(Hz)	50	120	400	1K	10K	50K-100K
CAP( $\mu$ F)	(60)					
33	0.8	1	1.23	1.36	1.48	1.53
Temperature(°C)	+70		+85		+105	
Coefficient	1.96		1.68		1.0	

## 5. Specifications:

Items	Performance Characteristics	
Operating Temperature Range (°C)	-25°C ~ +105°C	
Rated Voltage (V)	450V	
Capacitance ( $\mu$ F)	33 $\mu$ F	
Capacitance Tolerance(20°C, 120Hz)	±20%	
Leakage Current (+25°C, max)	$I \leq 0.01CV$ or $3\mu A$ (after 2 minutes, whichever is greater) $I \leq 0.03CV(\mu A) + 40\mu A$ (after 2 minutes)	
Dissipation Factor (+25°C, 120Hz)	When nominal capacitance exceeds 1000 $\mu$ F, add 0.02 to the value above for each 1000 $\mu$ F increase.	
Temperature Characteristics (Impedance ratio at 120Hz)	Ratd Voltage (V)	450
	tan $\delta$ (max.)	0.17
	U <sub>R</sub> (V)	450
Load Life (+105°C)	After applying rated voltage with specified ripple current for 2000 hours at +105°C and then resumed 24 hours	
	Capacitance Change	±20% of the initial measured value
	Dissipation Factor	≤200% of the initial specified value
Shelf Life (+105°C)	After storage for 1000 hours at +105°C. U <sub>R</sub> to be applied for 30 minutes and then resumed 24 hours	
	Capacitance Charge	±20% of the initial measured value
	Dissipation Factor	≤200% of the initial specified value
	Leakage Current	≤the initial specified value