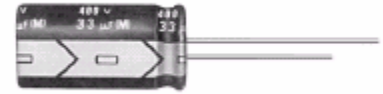


- Polarized aluminum electrolytic capacitors, non-solid
- Long useful life: 8000 hours, 10,000 hours at 105°C
- High reliability and professional applications
- Lighting, monitors, general industrial
- Filtering of high voltages in power supplies



■ SPECIFICATIONS

Item	Characteristics														
Operating Temperature Range (°C)	-25 ~ +105°C														
Rated Voltage Range (V)	160 ~ 450VDC														
Rated Capacitance Tolerance (25°C 100Hz)	-20%~+20%														
Leakage Current	After 1 minute at UR : $I_L \leq 0.04CV + 100$ C: Normal Capacitance (μ F); V: Rated Voltage (V)														
Dissipation Factor (max) 25°C, 100Hz	<table border="1"> <thead> <tr> <th>WV (v)</th> <th>160</th> <th>200</th> <th>250</th> <th>350</th> <th>400</th> <th>450</th> </tr> </thead> <tbody> <tr> <td>tanδ</td> <td>0.15</td> <td>0.15</td> <td>0.15</td> <td>0.20</td> <td>0.20</td> <td>0.20</td> </tr> </tbody> </table>	WV (v)	160	200	250	350	400	450	tan δ	0.15	0.15	0.15	0.20	0.20	0.20
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Load Life (+105°C)	<p>After following the test with Dc voltage and +105°C ripple current value applied, for regulation times, the capacitors shall meet the specified berllow. Post test requirements at 20°C Regulation times of life test : ϕ 10 =8000 h ; ϕ12.5 to ϕ 18=10000h</p> <table border="1"> <tbody> <tr> <td>Capacitance change($\Delta C/C$)</td> <td>$\leq \pm 30\%$ of the initial measured value</td> </tr> <tr> <td>Dissipation Factor (tanδ)</td> <td>$\leq 300\%$ of the specified value</td> </tr> <tr> <td>Leakage current (I_L)</td> <td>\leq the specified value</td> </tr> </tbody> </table>	Capacitance change($\Delta C/C$)	$\leq \pm 30\%$ of the initial measured value	Dissipation Factor (tan δ)	$\leq 300\%$ of the specified value	Leakage current (I_L)	\leq the specified value								
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■ DIMENSIONS

D	10	12.5	16	18
F	5.0	5.0	7.5	7.5
Φd	0.6	0.6	0.8	0.8
α	L \leq 16, +1.5; L>16, +2.0			

■ MULTIPLIER FOR RIPPLE CURRENT

Frequency coefficient					
Frequency (Hz)	50	120	1K	10K	100K
Coefficient	0.30	0.50	0.80	1.90	1.00

Temperature coefficient			
Temperature(°C)	≤ 65	85	105
Coefficient	2.1	1.7	1.0

■ STANDARD SIZE AND RATED RIPPLE CURRENT

SYMBOL	DESCRIPTION
C_R	Rated capacitance at 20°C 120Hz, tolerance $\pm 20\%$
I_R	Rated RMS ripple current at 100Hz, 105°C

U _R (V) Cap(μF)	160		200		250	
	CASE	I _R	CASE	I _R	CASE	I _R
	ΦDxL(mm)	mA	ΦDxL(mm)	mA	ΦDxL(mm)	mA
10	10x16	250	10x16	250	10x20	280
22	10x20	500	10x20	500	12.5x20	600
33	10x20	500	12.5x20	600	12.5x20	600
47	12.5x20	600	12.5x20	660	12.5x25	720
					16x20	
68	12.5x25	760	12.5x25	760	16x25	920
	16x20		16x20		18x20	
100	16x25	1120	16x25	1120	16x31.5	1200
	18x20		18x20		18x25	
150	16x31.5	1360	16x31.5	1360	18x31.5	1500
	18x25		18x25			
220	16x31.5	1400	18x31.5	1700	--	--
	18x25					

U _R (V) Cap(μF)	350		400		450	
	CASE	I _R	CASE	I _R	CASE	I _R
	ΦDxL(mm)	mA	ΦDxL(mm)	mA	ΦDxL(mm)	mA
6.8	10x16	220	10x16	220	10x20	150
10	10x20	280	10x20	280	12.5x20	320
22	10x20	350	12.5x25	430	16x25	560
			16x20		18x20	
33	12.5x20	500	16x25	640	16x31.5	700
			18x20		18x25	
47	12.5x25	660	16x31.5	840	18x31.5	880
	16x20		18x25			
68	16x25	850	18x31.5	1000	--	--
	18x20					