



JLY Slim TYPE 105°C, Long Life



Features

- Load Life: 105°C 5000hours.
- Suitable for slim application

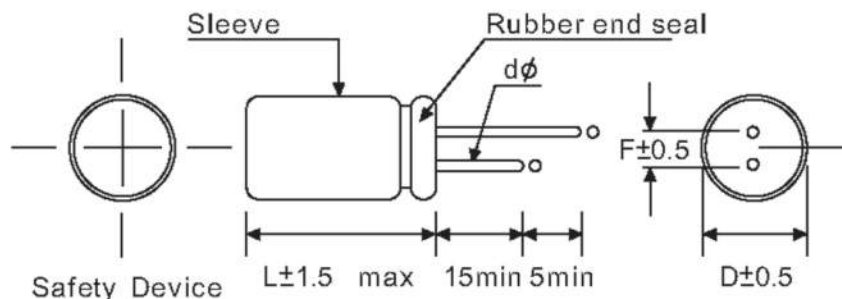
Specifications

Item	Performance Characteristics					
Operating Temperature Range	-25 to +105°C					
Rated voltage Range	250 to 450 VDC					
Capacitance Tolerance	±20% (120Hz, +20°C)					
Leakage Current (+20°C, max.)	I ≤ 0.03 CV (uA) After 5minutes with rated working voltage applied..					
Dissipation Factor (tanδ)	Working Voltage (VDC)	250	350	400	420	450
	D.F.(%)max	15	15	15	20	20
For Capacitance > 1000uF , add 2% per another 1000uF (+20°C, at 120Hz)						
Low Temperature Characteristics (120Hz)	Impedance ratio max.					
	Working Voltage (VDC)	250	350	400	420	450
Z-25°C/Z+20°C						
3 8						
For Capacitance Value 1000uF , add 0.5 per another 1000uF for -25°C/+20°C add 1 per another 1000uF for -40°C/+20°C						
Load Life	Test conditions Duration time : 5000Hrs Ambient temperature: +105°C Applied voltage: Rated DC working voltage After test requirements: at +20°C Capacitance change: ≤ ±20% of the initial measured value Dissipation Factor: ≤ 200% of the initial specified value Leakage current: ≤ The initial specified value					

Multiplier for Ripple Current VS, Frequency

Frequency \ HZ		60	120	400	1K	100K
Coefficient	250~350WV	0.8	1.00	1.20	1.30	1.40
	400~450WV	0.8	1.00	1.25	1.40	1.50

Diagram of Dimensions: (Unit: mm)



Dφ	8	10	13
F	3.5	5.0	5.0
dφ	0.5	0.6	



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Case Size

φD x L (mm)

μF	W.V. {S.V.}	250 {300}		350 {400}		400 {450}		420 {500}	
		Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple
15		-	-	8x30	110	8x30	120	8x30	100
22		8x30	130	8x35	150	8x35	160	8x40	180
27		8x30	150	8x40	165	8x40 10x30	195	8x45	200
33		8x35	170	8x45	195	8x45 10x30	250	10x35	230
39		8x40	200	10x40	280	8x50 10x40	280 300	10x45 13x30	275 275
47		8x45	220	10x45	330	10x45 13x30	350 330	10x45 13x35	330 360
56		10x35	260	10x50	380	10x50	400	10x55	420
	10x40	300	13x30			380			
			13x35			420			
68		10x40	350	13x35	425	13x35	440	13x40	450
				13x40	450	13x40	460		
82		10x45	480	13x40	500	13x45	520	13x45	500
100		10x50	550	13x50	520	13x50	580	13x50	600
120		13x40	570	-	-	13x60	680	-	-
150		13x45	620	-	-	-	-	-	-

•Ripple Current (mA, rms) at 105°C 120Hz

μF	W.V. {S.V.}	450 {500}	
		Size	Ripple
12		8x30	110
15		8x35	120
22		8x45	160
		10x30	150
27		8x50	190
		10x35	180
33		10x40	220
		10x45	235
		10x50	250
39		10x45	260
		10x50 13x35	290 290
47		10x55	350
		13x35	350
56		13x35	400
		13x40	425
68		13x45	470
		13x50	500
82		13x50	530

•Ripple Current (mA, rms) at 105°C 120Hz

RADIAL