



# JKY Slim TYPE 105°C



## Features

- Load Life: 105°C 2000hours.
- Suitable for slim application

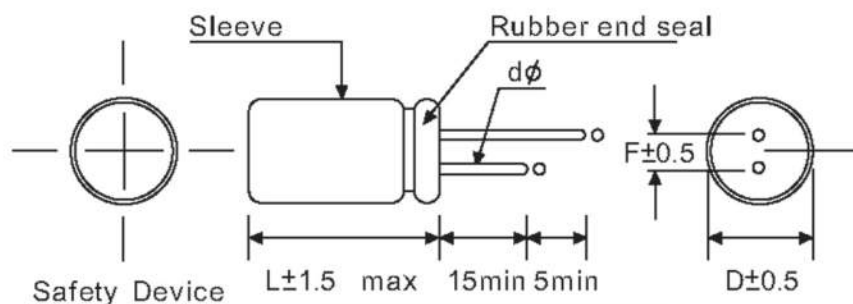
## Specifications

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 : 2000Hrs 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	145	8x30	170	8x30	150
22		8x30	200	8x35	185	8x35	220	8x35	195
27		8x30	220	8x40	220	8x40 10x30	255 255	8x40	230
33		8x30	240	8x40	250	8x45 10x30	280 280	8x50 10x35	300 290
39		8x35	270	10x35	300	8x50 10x35	330 330	10x40 13x30	315 315
47		8x40	330	10x40	380	10x40 13x30	430 430	10x40 13x30	360 360
56		10x35	380	10x45	430	10x50 13x30	480 450	10x50 13x30	440 400
68		10x35	435	13x35	480	10x55 13x35 13x40	550 520 550	13x35	470
82		10x40	500	13x40	550	13x40	580	13x40	550
100		10x45	585	13x45	600	13x45 13x50	620 650	13x50	620
120		13x35	620	-	-	13x55	750	-	-
150		13x40	670	-	-	-	-	-	-

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

μF	W.V. {S.V.}	450 {500}	
		Size	Ripple
12		8x30	135
15		8x35	150
22		8x40 10x30	195 195
27		8x45 10x30	230 220
33		10x35 10x40	255 280
39		10x40 10x45 10x50	300 315 330
47		10x50	390
56		13x35 13x40	420 450
68		13x40 13x45	520 550
82		13x45	570

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