

WZ series

- Snap-in type, 125°C 2000 hours long life product.
- Long life. and high ripple current resistance.
- Suitable for computer equipment, inverter air conditioner etc.
- RoHS Compliance
- 基板自立 125°C 2000小時長壽命品
- 耐高溫、高紋波。
- 適用於電腦設備、變頻空調等。



SPECIFICATIONS

Items 項目	Characteristics 特性	
Capacitance Tolerance 靜電容量誤差	$\pm 20\%$ (120Hz,20°C)	
Operating Temperature Range 適用溫度範圍	-25 ~ +125°C	
Rated Voltage Range 額定電壓範圍	400~ 450VDC	
Leakage Current 洩漏電流	$I \leq 3\sqrt{CV}$ (μA) or 5mA, which is Smaller. (After 5 minutes application of DC rated voltage, at 20°C)	
Dissipation Factor 散逸因素($\tan \delta$)	Measurement Frequency: 120Hz. Temperature: 20°C	
	Rated Voltage(V)	400~450
	$\tan \delta$ (Max)	0.25
	When nominal capacitance over 1000 μF , $\tan \delta$ shall be added 0.01 to the listed value with increase of every 1000 μF .	
Temperature Stability 溫度特性	Measurement Frequency:120Hz	
	Rated Voltage(V)	400~450
	$Z(-25^\circ C)/Z(20^\circ C)$	10
Load Life 負荷壽命	The following specifications shall be satisfied when the capacitors are restored to 20°C after subjected to DC voltage with the rated ripple current is applied for 2,000 hours at 125°C.	
	Capacitance Change	Within $\pm 20\%$ of Initial Value
	$\tan \delta$	200% or less of Initial Specified Value
	Leakage Current	Initial Specified Value or less
Shelf Life 放置壽命	The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1,000 hours 125°C without voltage applied. Before the measurement, the capacitor shall be preconditioned by applying voltage according to them 4.1 of JIS C5101-4.	
	Capacitance Change	Within $\pm 20\%$ of Initial Value
	$\tan \delta$	200% or less of Initial Specified Value
	Leakage Current	Initial Specified Value or less
Standards 參照標準	IEC 60384-4 (JIS C 5101-4)	

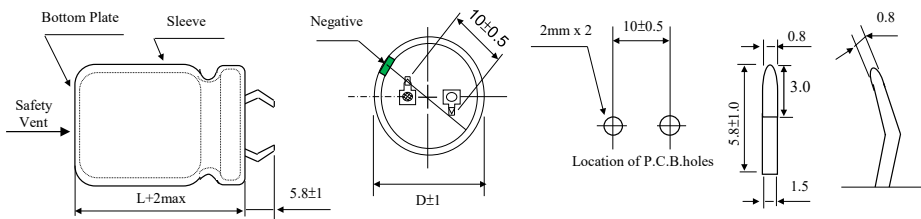
Frequency Coefficient of Permissible Ripple Current

Rated Voltage (V)	Frequency (Hz)				
	50	120	500	1K	$\geq 10K$
400 ~ 450	0.8	1.00	1.20	1.25	1.40

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DIMENSIONS(mm)



STANDARD RATINGS

DxL(mm), R.C.(A rms) at 125°C 120 Hz.

Cap (μF)	V	400		420		450	
	Item	D x L	R.C.	D x L	R.C.	D x L	R.C.
82		22X25	0.79	22X25	0.79	22X25	0.77
100		22X30	0.91	22X30	0.91	22X30	0.89
120		22X30	0.98	22X30	0.99	22X30	0.94
		25.4X25	0.96	25.4X25	0.96	25.4X25	0.93
150		22X35	1.14	22X35	1.14	22X40	1.17
		25.4X30	1.12	25.4X30	1.12	25.4X30	1.10
						30X25	1.06
180		22X40	1.28	22X45	1.34	22X45	1.32
		25.4X35	1.28	25.4X35	1.28	25.4X35	1.25
						30X30	1.24
220		22X50	1.50	22X50	1.51	22X50	1.49
		25.4X40	1.45	25.4X40	1.45	25.4X40	1.42
		30X30	1.35	30X30	1.35	30X30	1.31
						35X25	1.23
270		22X55	1.69	22X60	1.74	22X60	1.73
		25.4X40	1.64	25.4X45	1.64	25.4X45	1.59
		30X35	1.55	30X35	1.54	30X35	1.50
						35X30	1.45
330		25.4X55	1.90	25.4X55	1.90	25.4X55	1.88
		30X40	1.75	30X40	1.74	30X40	1.70
						35X35	1.65
390		25.4X60	2.09	25.4X60	2.09		
		30X45	1.94	30X45	1.93	30X45	1.88
		35X35	1.75	35X35	1.74	35X35	1.69
470		30X50	2.14	30X55	2.24	30X55	2.21
		35X40	1.96	35X40	1.95	35X40	1.90
560		30X60	2.45	30X60	2.44	30X60	2.39
		35X45	2.16	35X45	2.15	35X50	2.26
680		35X55	2.52	35X55	2.51	35X55	2.47
820		35X60	2.72				