

**CE04 Type**
**Features**

- 85°C, 2000 hours assured, prong terminal series
- Has an auxiliary terminal which can withstand vibration excellently when affixing to PCB
- Suitable for electronic equipment with medium-high voltage Such as filter of high rectification circuits


**SPECIFICATIONS**

Items	Performance							
Operating Temperature Range	-40°C ~ +85°C							
Capacitance Tolerance	$\pm 20\%$ (at 120Hz, 20°C)							
Leakage Current (at 20°C)	I = 0.02CV or 1.5 mA whichever is smaller (after 5 minutes) Where, C= rated capacitance in $\mu$ F. V = rated DC working voltage in V.							
Dissipation Factor (Tan δ at 120 Hz, 20°C)	W. V. Cap( $\mu$ F)	6.3	10	16	25	35 ~ 63	100 ~ 160	200 ~ 250
	Under 1000	---	---	---	---	0.17	0.15	0.15
	2200, 3300	---	---	---	---	0.20	0.20	---
	4700, 6800	---	---	0.30	0.25	0.25	---	---
	10000, 15000	0.55	0.45	0.35	0.35	---	---	---
	22000 to up	0.60	0.55	---	---	---	---	---
Low Temperature Characteristics (at 120Hz)	Impedance ratio shall not exceed the values given in the table below							
Load Life Test	Rated Voltage		6.3 ~ 100		160 ~ 250			
	Impedance Ratio	Z(-25°C) / Z(+20°C)		4		8		
		Z(-40°C) / Z(+20°C)		12		16		
	* The above specifications shall be satisfied when the capacitors are restored to 20°C after the rated voltage applied for 2000 hrs at 85°C							
Shelf Life Test	Test Time		2000 hrs					
	Capacitance Change		Within $\pm 20\%$ of initial value					
	Dissipation Factor		Less than 200% of specified value					
	Leakage Current		Within specified value					
* The above specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1000 hrs at 85°C without voltage applied.								
Ripple Current & Frequency Multipliers	Freq.(Hz) W. V.(V)		60(50)	120	500	1K	10K up	
	Under 100		0.95	1.0	1.10	1.30	1.33	
	160 up above		0.90	1.0	1.20	1.50	1.55	
Ripple Current & Temperature Multipliers	Temperature(°C)		70		85			
	Multiplier		1.5		1.0			
Standards	Satisfies Characteristic W of JIS C 5141							

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