



- CER series to Low profile (15mm)
- Endurance with ripple current:3000hours at 85°C.
- Apply to Flame detector, Lcd television, Low Profile type Instrument

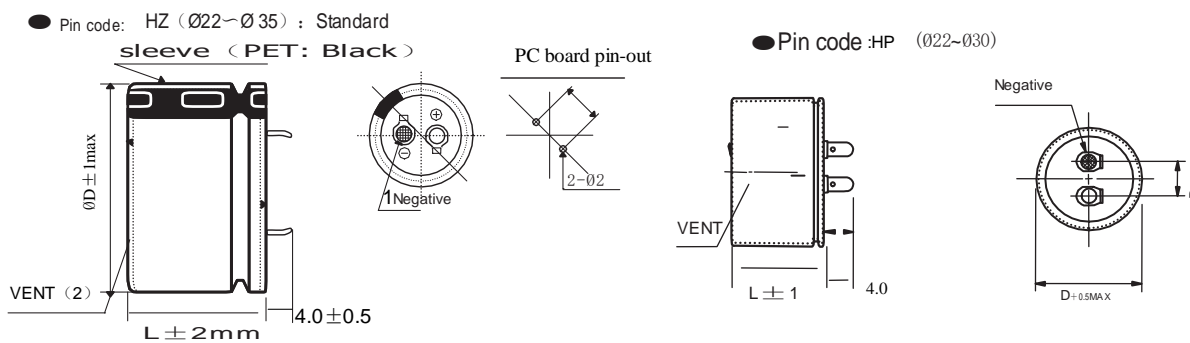


Electronic measuring instrument, High frequency High pressure High power driving power supply, Industrial control power supply

◆ SPECIFIC ATIONS

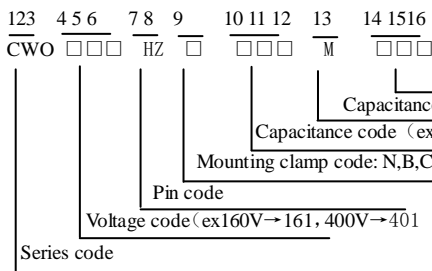
items	characteristics	
Category temperature Range	-25~+85°C	
Rated voltage Range	160~400 _{VDC}	
Capacitance Tolerance	± 20% (M) 20°C、120HZ	
Leakage Current	I=0.01CV or 5mA, whichever is smaller I: Where, I : Max. leakage current (µA)、C: Nominal capacitance (µF)、Rated voltage (V)at 20°Cafter 5 minutes)	
Dissipation Factor (MAX)	≤Specifications 20°C、120HZ	
Low Temperature characteristics	Rated voltage (Vdc)	160~400
	Z (-25°C)/Z(+20°C)	≤4
Equivalent series inductance	≤50nH	
Endurance	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 (the peak voltage shall not exceed the rated voltage) for 3,000 hours at 85°C	
	Capacitance change	≤±20% of the initial value
	D.F. (tanδ)	≤200% of the initial specified value
	Leakage current	≤The initial specified value
Shelf Life	The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1000 hours at 105°C without voltage applied. Before the measurement, the capacitor shall be preconditioned by applying voltage according to Item 4.1 of JIS C 5101-4	
	Capacitance change	≤±20% of the initial value
	D.F. (tanδ)	≤200% of the initial specified value
	Leakage current	≤The initial specified value

◆ size Fig (snap-in Fig)[mm]



The standard design has no plastic disc

◆ PART NUMBERING SYSTEM





STANDARD RATINGS

WV [Vdc]	cap [μ F]	Case size D x L [mm]	Tanδ 120Hz20°C	Ripple current (Ams/105 °C, 120Hz)	Par t NO.	WV [Vdc]	cap [μ F]	Case size D x L [mm]	Tanδ 120Hz20°C	Ripple current (Ams/105 °C, 120Hz)	Par t NO.
160	180	22×15	0.20	0.99	CW0161HZN181MP15	200	270	30×15	0.20	1.22	CW0201HZN271MR15
	270	25.4×15	0.20	1.29	CW0161HZN271MQ15		390	35×15	0.20	1.46	CW0201HZN391MA15
	390	30×15	0.20	1.47	CW0161HZN391MR15	250	100	22×15	0.20	0.73	CW0251HZN101MP15
	560	35×15	0.20	1.74	CW0161HZN561MA15		150	25.4×15	0.20	0.96	CW0251HZN151MQ15
180	150	22×15	0.20	0.90	CW0181HZN151MP15		220	30×15	0.20	1.10	CW0251HZN221MR15
	220	25.4×15	0.20	1.16	CW0181HZN221MQ15	330	35×15	0.20	1.34	CW0251HZN331MA15	
	330	30×15	0.20	1.35	CW0181HZN331MR15	400	47	22×15	0.20	0.50	CW0401HZN470MP15
	470	35×15	0.20	1.60	CW0181HZN470MA15		68	25.4×15	0.20	0.65	CW0401HZN680MQ15
200	150	22×15	0.20	0.90	CW0201HZN151MP15		100	30×15	0.20	0.74	CW0401HZN101MR15
	220	25.4×15	0.20	1.16	CW0201HZN221MQ15	120	35×15	0.20	0.81	CW0401HZN121MA15	

◆RATED RIPPLE CURRENT MULTIPLIERS

●Frequency Multipliers

Frequency (HZ)	50	120	300	1K	10K	50K
160~250vdc	0.81	1.00	1.17	1.32	1.45	1.50
400vdc	0.77	1.00	1.16	1.30	1.41	1.43

×The endurance of capacitors is reduced with internal heating produced by ripple current at the rate of halving the lifetime with every 5°C rise when long life performance is required in actual use, the rms ripple current has to be reduced.