

AC Motor Capacitors
CBB61



Characteristics

- Metallized polypropylene film
- Non-inductive winding structure
- Plastic shell encapsulation
- Excellent self healing
- Perfect appearance consistency

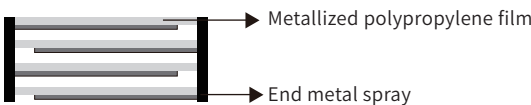
Application

- Suitable for starting and operation of 50Hz (60Hz) AC single -phase motor

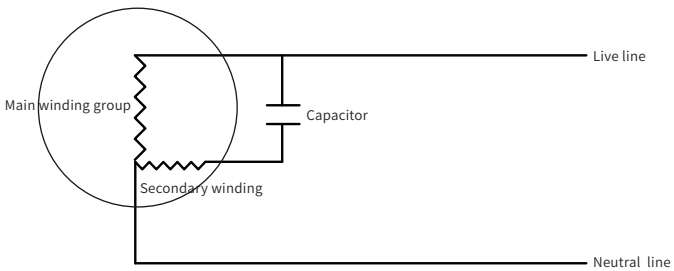
Technical Data

• Reference Standards	GB/T 3667-2016
• Climate Category /Flame Retardant Grade	40/85/21
• Operating Temperature Range	-40°C~85°C Tmax 105°C
• Rated Voltage	250VAC、450VAC
• Class of Operation	Level C
• Capacitance Range	1.0µF~12.0µF
• Capacity Tolerance	±5% (J) ; ±10%(K) ; ±20% (M)
• Withstand Voltage	V _{t-t} : 1.5UN(VAC), 2S
	V _{t-c} : 2000VAC, 60S
• Dissipation Factor	≤0.0030(1KHz,20°C)
• Insulation Resistance	≥3000S(20°C 100V 1min)

Construction Diagram



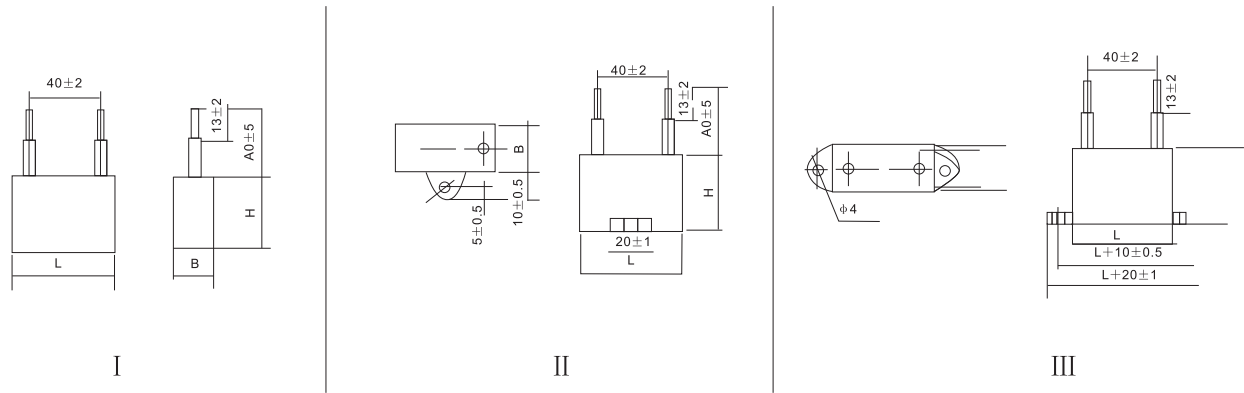
Typical Circuit



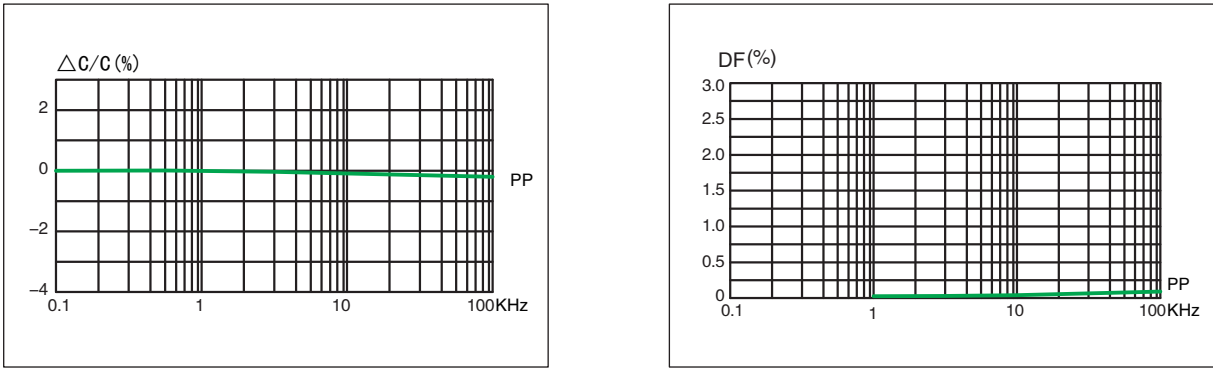
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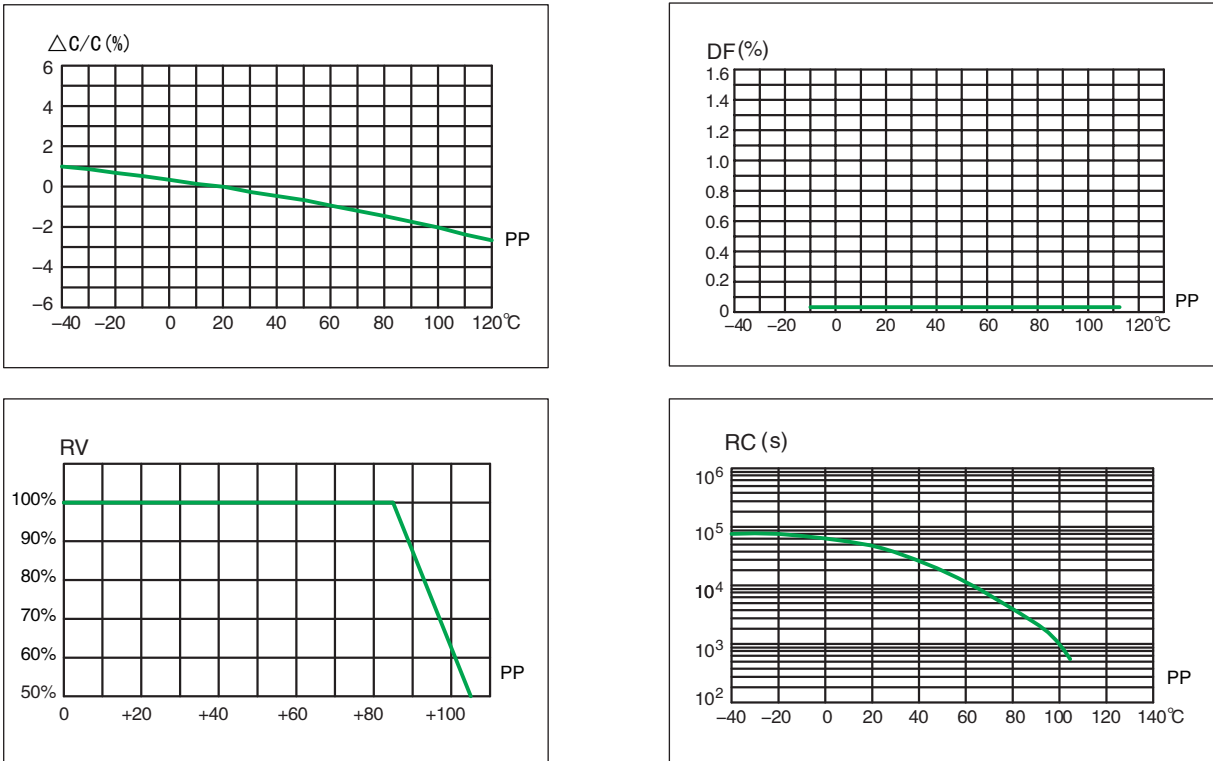
Product Shape



Temperature Characteristics



Frequency Characteristics



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Article Table

Rated Voltage Nominal Capacity (μF)	250VAC			450VAC		
	L ± 1	B ± 1	H ± 1	L ± 1	B ± 1	H ± 1
1.0	37	15	24	47	18	34
1.2	37	15	24	47		34
1.5	47	18	34	47	22 (18)	34
2.0	47	18	34	47	28	34
2.3	47	18	34	47	30	34
2.5	47	18	34	47	30	34
3.0	47	28	34	47	28 (32)	39
4.0	47	28	34	47	32	39
4.5	47	30	34	47	34	39
5.0	47	30	34	47	36	39
6.0	47	30	34	47	45	39
8.0	47	32	39	47	58	39
10.0	47	32	39	—	—	—
12.0	47	35	39	—	—	—

The above table / graphics are for reference only, subject to the actual product (unit: mm)