

Metallized Polypropylene Film Capacitors

CBB28



Characteristics

- Metallized polypropylene inner series structure
- Self-healing
- It can be bear high voltage
- Flame retardant epoxy resin wrapping

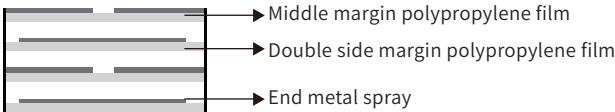
Application

- Widely used in high frequency, direct current and pulse circuits

Technical Data

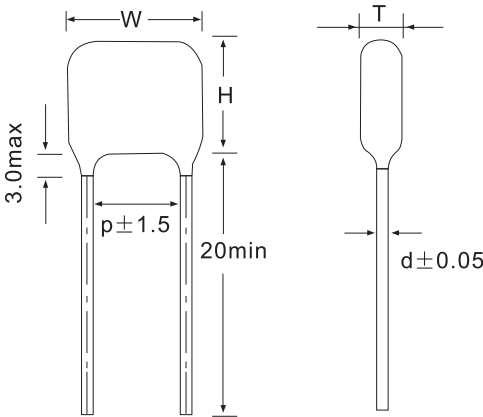
• Reference Standard	GB/T 10190(IEC 60384-16)	
• Climatic Category	40/085/21	
• Operating Temperature Range	-40℃~85℃ T _{max} 105℃	
• Rated Voltage	100VDC、250VDC、400VDC、630VDC	
• Capacitance Range	0.001 μF~0.68 μF	
• Capacitance Tolerance	±5%(J); ±10%(K); ±20% (M)	
• Withstand Voltage	2UN 5S (at20±5℃)	
• Dissipation Factor	tgδ≤0.0010 (20℃, 1KHz)	
• Insulation Resistance	≥30000MΩ(at 20℃ 100VDC 1Min)	
• Maximum Pulse Rise Time(Dv/dt)	Un(VDC)	dv/dt(V/μS)
	630	300
	1000	350
	1250	400

Construction Diagram

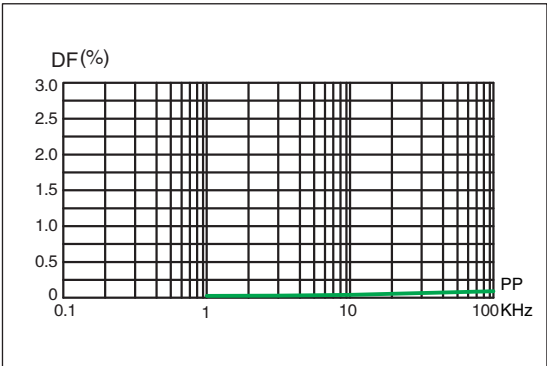
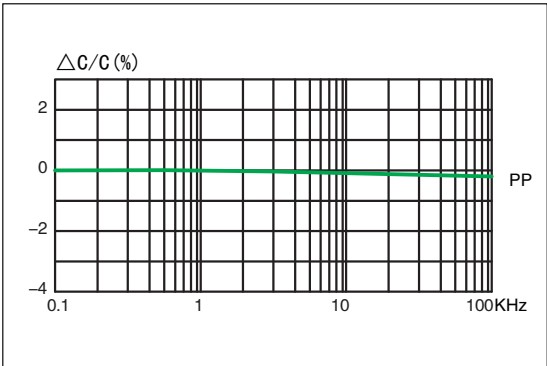


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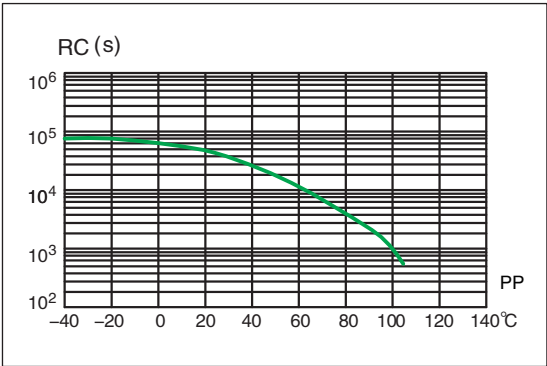
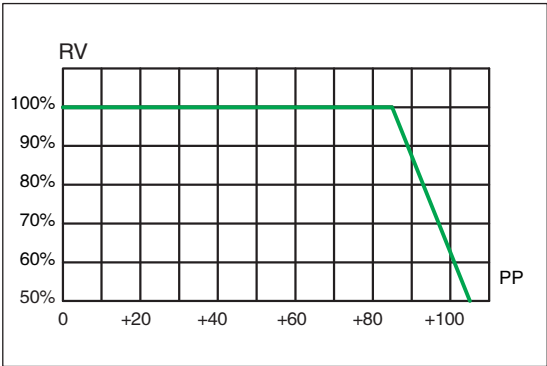
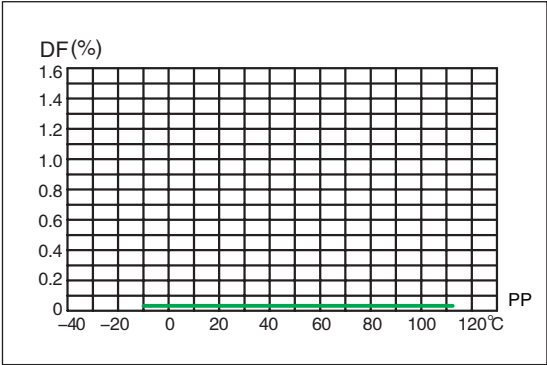
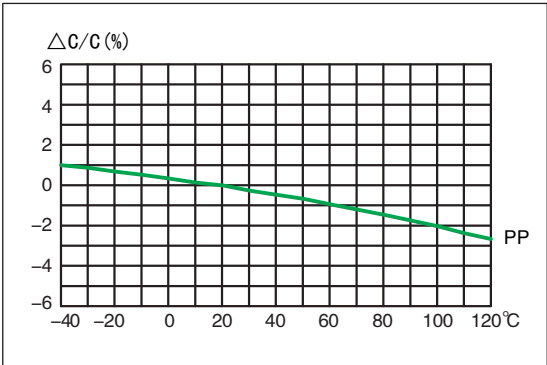
Product Shape



Temperature Characteristics



Frequency Characteristics



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Article Table

R series																
Capacity (μF)	Size mark	630V					1000V					1250V				
		Wmax	Tmax	Hmax	P	d	Wmax	Tmax	Hmax	P	d	Wmax	Tmax	Hmax	P	d
0.0010	R	13.0	5.5	10.0	10.0	0.6	13.0	5.0	9.0	10.0	0.6	13.0	5.0	9.0	10.0	0.6
0.0015	R	13.0	6.0	10.0	10.0	0.6	13.0	6.0	10.0	10.0	0.6	13.0	6.0	10.0	10.0	0.6
0.0022	R	13.0	6.0	10.0	10.0	0.6	13.0	6.0	10.0	10.0	0.6	13.0	6.0	10.0	10.0	0.6
0.0033	R	13.0	5.5	10.0	10.0	0.6	13.0	5.5	9.5	10.0	0.6	13.0	5.5	9.5	10.0	0.6
0.0047	R	13.0	6.0	10.5	10.0	0.6	13.0	6.0	10.0	10.0	0.6	13.0	6.0	10.0	10.0	0.6
0.0068	R	13.0	6.5	10.5	10.0	0.6	13.0	6.5	10.5	10.0	0.6	13.0	6.5	10.5	10.0	0.6
0.0082	R	13.0	7.0	11.5	10.0	0.6	13.0	7.0	11.5	10.0	0.6	13.0	7.0	11.5	10.0	0.6

U series																
Capacity (μF)	Size mark	630V					1000V					1250V				
		Wmax	Tmax	Hmax	P	d	Wmax	Tmax	Hmax	P	d	Wmax	Tmax	Hmax	P	d
0.0010	U	13.0	5.0	9.5	10.0	0.6	13.0	5.0	9.0	10.0	0.6	13.0	5.0	9.0	10.0	0.6
0.0015	U	13.0	5.0	9.5	10.0	0.6	13.0	5.0	9.5	10.0	0.6	13.0	5.0	9.5	10.0	0.6
0.0022	U	13.0	5.0	9.5	10.0	0.6	13.0	5.5	9.5	10.0	0.6	13.0	5.5	9.5	10.0	0.6
0.0033	U	13.0	5.0	9.5	10.0	0.6	13.0	5.0	9.0	10.0	0.6	13.0	5.0	9.0	10.0	0.6
0.0047	U	13.0	5.5	10.0	10.0	0.6	13.0	5.5	10.0	10.0	0.6	13.0	5.5	10.0	10.0	0.6
0.0068	U	13.0	6.0	10.0	10.0	0.6	13.0	6.0	10.0	10.0	0.6	13.0	6.0	10.0	10.0	0.6
0.0082	U	13.0	6.5	11.0	10.0	0.6	13.0	6.5	11.0	10.0	0.6	13.0	6.5	11.0	10.0	0.6

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

Remark:
The U series has a smaller volume than the R series products,
and its product performance reaches GB/T 10190 (IEC 60384-16) standard.