

## CBB61 Metallized Polypropylene Film Capacitors

- Features: enclosed in ABS plastic case filled with epoxy resin, is of excellent self healing starting and running circuits at 50Hz (60Hz)

### Technical Specifications

Items	Characteristics		Test condition
Standard	SJ2500.1 – 85 (GB3667-97 (ICE 252-93))		
Climatic	40/070/21		
Capacitance Tolerance	±5%(J) ; ± 10% (K)		
Voltage Proof	2.0U <sub>R</sub> (1-5s)		
Insulation Resistance	Between terminals	≥ 3000M Ω uF	U <sub>R</sub> < 500V, 100VDC, 2min
	Between terminal and case	≥ 1000M Ω uF	U <sub>R</sub> < 500V, 500VDC, 2min
Dissipation Factor	≤0.001 ( 1KHz)		50Hz, 20°C
Durability	No visible damage, marking clear Δ C/C ≤ 5% ; Δ tgs ≤ 0.002		+70°C 1.25U <sub>R</sub> 500h
Damp heat steady state	Δ C/C ≤ 5% ; Δ tgs ≤ 0.002 >100M Ω (between terminal and cases)		40°C 93% 21d
Vibration	No visible damage Δ C/C ≤ 5%		10-55 Hz 0.75mm, 5h
Terminal strength	No visible damage		Tension strength: 20N, 10S
Solderability	Good timing		Groove soldering

### Dimension (mm)

CR (uR)	100V			160V		
	W	H	T	W	H	T
1	30	30	15	47	30	14
1.2	30	30	15	47	30	14
1.5	30	30	17	47	30	14
2	30	30	23	47	40	15
2.5	30	30	23	47	40	15
3	30	30	23	47	40	15
4				47	40	17
5				47	40	21
6				47	40	25
8				76	46	21

Note: Other capacitance and dimension series can be ensured according to customer request.

Terminal forms can be made in conformity to the requirements of agreements with customer.

