



TMCF27 Metallized Polypropylene Film Capacitor For Lamp (CBB80)

Features

- Box type provides the identical outer appearance.
- Very low loss at high frequency, suitable for high current.
- High insulation resistance, long life due to self-healing effect.
- Especially safety reliability.
- Applied to fluorescent lamps and halogen lamps.



Configuration

Non-inductive, wound with metallized polypropylene film as the dielectric electrode with encapsulated in a plastic case sealed with epoxy resin.

Specifications & Outline Drawing

Reference Standard	IEC1048, EN 61048		
Climatic Category	40/85/21		
Rated Voltage	125VAC-630VAC		
Capacitance Range	8~50uF		
Capacitance Tolerance	$\pm 5\%$ (J), $\pm 10\%$ (K), $\pm 20\%$ (M)		
Voltage Proof	Between Terminals	$1.6U_R(5s)$	
	Terminals to case	2000VAC	
Dissipation Factor	$\leq 0.2\%$ (20°C, 1KHz)		
Insulation Resistance	$\geq 7500s$	(20°C, 1min)	
Discharge performance	Less than 50V after breakage in 60 seconds at U_n .		
Voltage under steady state	Running under 1.1 U_n for long-period		
Current under steady state	Running under 1.5 in for long-period		

Dimensions

CERTIFICATE	TYPE	The scope of the certificate		Temperature	CER. & FILE Number	Protection class
CQC Gb18489 2001	CBB80A	2.5~50uF	250VAC	25/70/21	CQC05004012660	P0
CQC Gb18489 2001	CBB80A	8~60uF	450VAC/250VAC	25/70/21	CQC05004012661	P0



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UF	Dimensions(Φ D*H):mm		UF	Dimensions(Φ D*H):mm	
	250VAC	450VAC		250VAC	450VAC
2.5	Φ 30*55	Φ 35*55	24.0	Φ 42*78	Φ 50*95
4.0	Φ 30*55	Φ 35*55	25.0	Φ 42*85	Φ 50*95
6.0	Φ 30*55	Φ 35*60	28.0	Φ 42*90	Φ 50*105
8.0	Φ 30*55	Φ 35*75	30.0	Φ 45*85	Φ 50*110
10.0	Φ 30*55	Φ 38*78	32.0	Φ 45*90	Φ 50*115
12.0	Φ 36*65	Φ 42*78	35.0	Φ 45*95	Φ 55*110
15.0	Φ 36*75	Φ 42*98	40.0	Φ 50*95	Φ 55*110
16.0	Φ 36*75	Φ 45*95	45.0	Φ 50*100	Φ 55*122
18.0	Φ 36*75	Φ 45*95	48.0	Φ 50*100	Φ 60*115
20.0	Φ 36*85	Φ 50*90	50.0	Φ 50*100	Φ 60*122