



Features

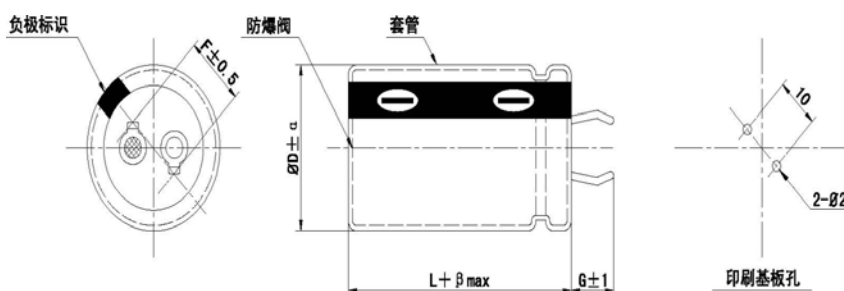
- 105℃, snap-in terminal.
- Suitable for using in flash tube.



◆ Specifications

Items	Characteristics															
Rated Voltage Range	350V~450V.DC															
Operating Temperature Range	－40℃~+105℃															
Capacitance Tolerance	±10%(K), ±20%(M) (25℃,100or120Hz)															
Leakage Current	1 ≤ 3 √CV After 2 minutes application of rated voltage. Where,I:Max.leakage current (μA),C:Nominal capacitance (μF),V:Rated voltage (V)															
Dissipation Factor (tanδ)	(25℃,100or120Hz) <table><tr><td>Rated voltage(V_{dc})</td><td>350</td><td>400</td><td>450</td></tr><tr><td>tanδ(Max.)</td><td>0.20</td><td>0.20</td><td>0.20</td></tr></table>				Rated voltage(V _{dc})	350	400	450	tanδ(Max.)	0.20	0.20	0.20				
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Shelf Life	The capacitors storage at105℃ for 500 hours and measured at 25℃±5℃ after voltage processing. <table><tr><td>Capacitance Change</td><td colspan="3">≤±10% of the initial value</td></tr><tr><td>D.F. (tanδ)</td><td colspan="3">≤150% of the initial specified value</td></tr><tr><td>Leakage Current</td><td colspan="3">≤300% of the initial specified value</td></tr></table>				Capacitance Change	≤±10% of the initial value			D.F. (tanδ)	≤150% of the initial specified value			Leakage Current	≤300% of the initial specified value		
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Charge and Discharge	Charge and discharge at rated voltage at 105℃ in every 1 second for 1 million times. <table><tr><td>Capacitance Change</td><td colspan="3">≤±20% of the initial value</td></tr><tr><td>D.F. (tanδ)</td><td colspan="3">≤150% of the initial specified value</td></tr><tr><td>Leakage Current</td><td colspan="3">≤200% of the initial specified value</td></tr></table>				Capacitance Change	≤±20% of the initial value			D.F. (tanδ)	≤150% of the initial specified value			Leakage Current	≤200% of the initial specified value		
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Environmental friendly capacitors	comply with RoHS and Reach directive															
Others	Meet Q/RME 120-2010, GB/T 5993-2003															

◆ Dimensions



	(mm)		
D	30	35	42
F	10		
G	6.0		
α	1.0		
β	2.0		



TMCE14 Photo Flash Snap-in Aluminum Electrolytic Capacitor 105°C

Voltage (V)	Capacitance (μ F)	Size Φ D×L (mm)	$\tan\delta$	I_R (mA _{RMS} , 105°C, 100/120Hz)
350	470	30×50	0.20	1.95
400	330	35×50	0.20	1.64
	470	42×45	0.20	2.08
450	100	22×35	0.20	0.59
	150	30×50	0.20	1.01
	220	30×40	0.20	1.11
	330	30×50	0.20	1.50
	330	35×45	0.20	1.57
	330	35×50	0.20	1.64
	470	42×50	0.20	2.17
	560	35×50	0.20	2.13
	560	42×45	0.20	2.27
	680	42×45	0.20	2.61

◆ Ripple Current Multiplier

Frequency Coefficient

Frequency (Hz)	50/60	100/120	1K	≥10K
350V~450V	0.8	1.0	1.25	1.45