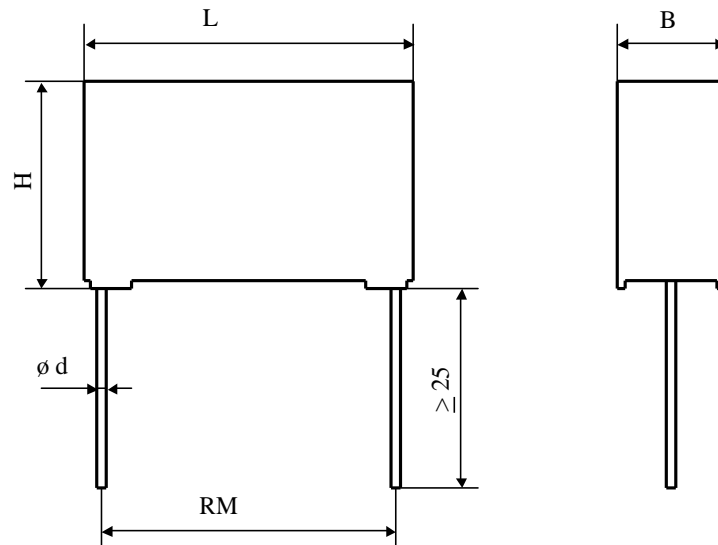


#6006

METALLIZED POLYESTER CAPACITORS

MKT 11-47.0 g K



Dielectric of metallized polyester

Self-extinguishing plastic housing / Epoxy resin sealing

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	47	$\mu\text{F}$	1 V / 1 kHz
Tolerance		$\pm 10$	%	
Rated voltage	Un DC	110	VDC	
Maximum Voltage ( 100 ms)	U max	160	V	1 x / day
RMS Current	I <sub>eff</sub> max	10	A <sub>eff</sub>	100 kHz
slope of voltage variation	du/dt max.	9.5	V/ $\mu\text{sec}$	max. repetitive
Repetitive surge current	I cr. max	446.5	A	
Tangent delta	tg $\delta$	9C	$1\text{C}^4$	1 V / 1 kHz
Equivalent serie resistance	ESR	$\leq 6.0$	m $\Omega$	100 kHz
Stray inductance	ESL	$\leq 25$	nH	
Insulation resistance	Ri x C	5'000	s	100 VDC - 1 min
Test voltage between terminals	U T1	170	VDC	10 s
Estimated operational life (-3%)		> 100000	h	UN DC / 55°C 10 A RMS / 100 kHz
Dimension	Symbol	Value	Unit	Conditions
Width	B	18	mm	
Height	H	29	mm	
Length	L	42	mm	
Terminals				
Axial tinned wire	d	$\phi 1.0 \times 25$	mm	
	RM	37.5	mm	
	M1			
	M0			
	Modification	Date	Visa émetteur	

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**Leclanché**  
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