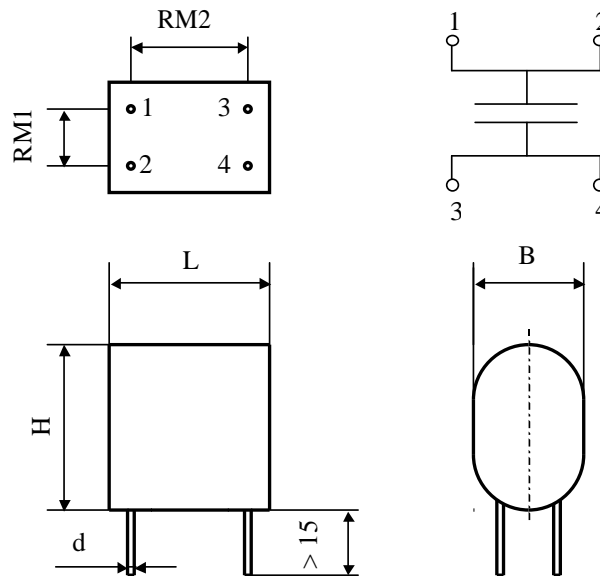


#6081

Power Electronics Capacitors

MKT-4 60-10.0 aS K

Preliminary data sheet
* Must be tested



Dielectric of metallized polyester

Polyester wrapped flammability UL 510 / Epoxy resin sealing UL 94-V0

Parameter	Symbol		Value	Unit	Condition
Capacitance	C		10	μF	1 V / 1 kHz
Tolerance			± 10	%	
Rated voltage	U_r		600	VDC	
Rated temperature			100	$^{\circ}\text{C}$	
RMS current	I RMS		10	A _{eff}	20 kHz / 60 $^{\circ}\text{C}$
Tangente delta	$\text{tg}\delta$		≤ 100	1C^4	1 kHz
Equivalent serie resistance	ESR		≤ 15	m Ω	20 kHz / 23 $^{\circ}\text{C}$
Stray inductance	ESL		≤ 20	nH	
Insulation resistance	R_i		> 1000	M Ω	100 VDC - 1 min
Test voltage between terminals	U T1		960	VDC	10 s
Operating temperature			- 55 / + 125 $^{\circ}\text{C}$		
Estimated operational life *			$> 1'000$	h	480 V / 110 $^{\circ}\text{C}$
Dimension	Symbol			Unit	Conditions
Width	B max		18.5	mm	
Height	H max		34.5	mm	
Length	L max		33	mm	
Terminals					
Radial tinned wire	\varnothing		1	mm	
RM1			10.16 ± 0.7	mm	
RM2			27.94 ± 0.7	mm	
	M1				
	M0				
	Modification	Date	Visa émetteur		

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Leclanché
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