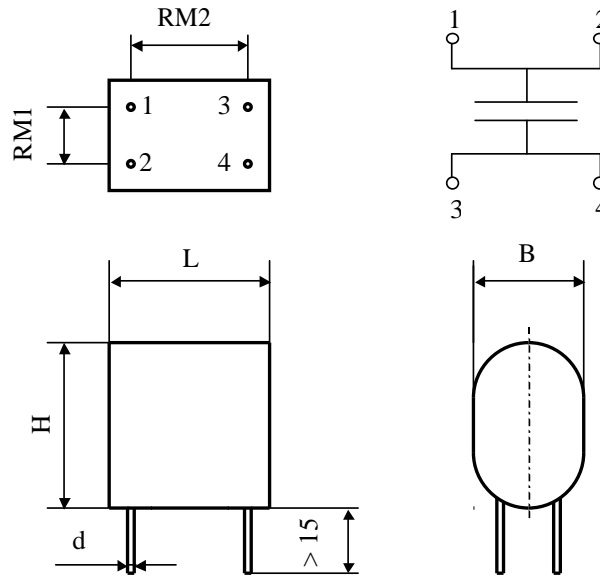


#6081

## 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	$\mu\text{F}$	1 V / 1 kHz
Tolerance		$\pm 10$	%	
Rated voltage	$U_r$	600	VDC	
Rated temperature		100	$^{\circ}\text{C}$	
RMS current	I RMS	10	A <sub>eff</sub>	20 kHz / 60 $^{\circ}\text{C}$
Tangente delta	$\text{tg}\delta$	$\leq 100$	$1\text{C}^4$	1 kHz
Equivalent serie resistance	ESR	$\leq 15$	$\text{m}\Omega$	20 kHz / 23 $^{\circ}\text{C}$
Stray inductance	ESL	$\leq 20$	nH	
Insulation resistance	$R_i$	$> 1000$	$\text{M}\Omega$	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	Value	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		$10.16 \pm 0.7$	mm	
RM2		$27.94 \pm 0.7$	mm	
	M1			
	M0			
	Modification	Date	Visa émetteur	

Condensateurs CH 1400 Yverdon, Switzerland  
Kondensatoren Tel.: ++41 24 445 66 88  
Capacitors Fax: ++41 24 445 66 89

**Leclanché**  
**Capacitors**  
A FISCHER & TALSCHER COMPANY

HJJ

www.Lcap.ch  
08.02.2012

capinfo@Lcap.ch  
faisab6081.XLS