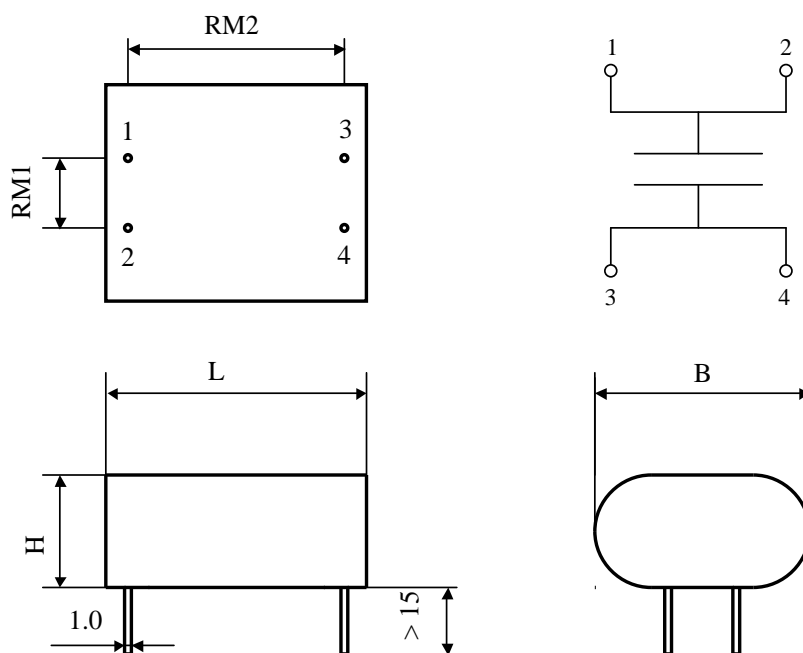


#6086

Power Electronics Capacitors

MKT-4 10-33.0 a K



Dielectric of metallized polyester

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

Parameter	Symbol		Value	Unit	Condition
Capacitance	C		33	μF	1 V / 1 kHz
Tolerance			± 10	%	
Rated voltage	U_r		100	VDC	85°C
RMS current	I RMS max.		11	A _{eff}	100 kHz / 90°C
slope of voltage variation	du/dt max.		17	V/ μsec	max. repetitive
Repetitive surge current	I cr. max		561	A	
Tangente delta	$\text{tg}\delta$		≤ 90	10^{-4}	1 kHz
Equivalent serie resistance	ESR		≤ 4.5	m Ω	100 kHz
Stray inductance	ESL		≤ 15	nH	
Insulation resistance	R_i		> 303	M Ω	100 VDC - 1 min
Test voltage between terminals	U T1		160	VDC	10 s
Climatic category			55/125/21		
Dimension	Symbol			Unit	Conditions
Width	B max		28	mm	
Height	H max		12	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		

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

Leclanché
Capacitors
A FRONER & TROUSCH COMPANY

HJJ

www.Lcap.ch
 06.03.2012

capinfo@Lcap.ch
 faisab6086.XLS