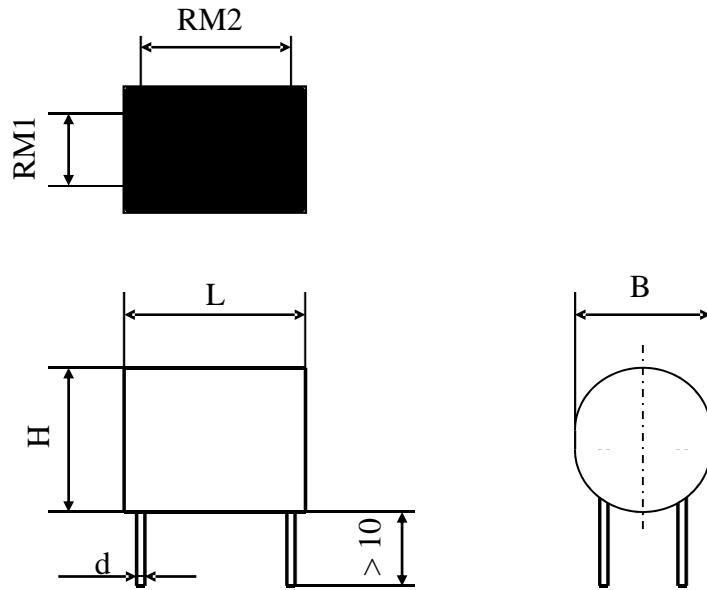


#5985

Power Electronics Capacitors

MKT-4 6-1.0 a K



Dielectric : metallized polyester
 Polyester wrapped UL 510
 Epoxy resin sealing UL 94-V0

Manufactured in compliance
 with European Norms
 EN130000 and EN130400

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	1	μF	1 V / 1 kHz
Tolerance		± 10	%	
Rated voltage	Un DC	63	VDC	100 °C
RMS current continuous	I RMS	1.6	Aeff	100 kHz
Slope of voltage variation	du/dt max.	110	V/ μsec	max. repetitive
Repetitive surge current	I cr. max	110	A	
Tangent delta	tg δ	≤ 70	10^{-4}	1 V / 1 kHz
Equivalent serie resistance, max	ESR	≤ 46	m Ω	100 kHz
Stray inductance	ESL	≤ 20	nH	
Insulation resistance	Ri	$> 10'000$	M Ω	50 VDC - 1 min
Test voltage between terminals	U T1	100	VDC	10 s
Operating temperature		- 55 / + 125 °C		
Dimension	Symbol		Unit	Conditions
Width	B max	10	mm	
Height	H max	13	mm	
Length	L max	10.5	mm	
Terminals				
Radial tinned wire	\varnothing	0.6	mm	
RM1		6.35 ± 0.5	mm	
RM2		7.62 ± 0.5	mm	
	M1			
	M0	15.12.2010	FS	RMS + ESR max
	Modification	Date	Visa émetteur	

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Leclanché
Capacitors
A FISCHER & TAUSSCH COMPANY

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