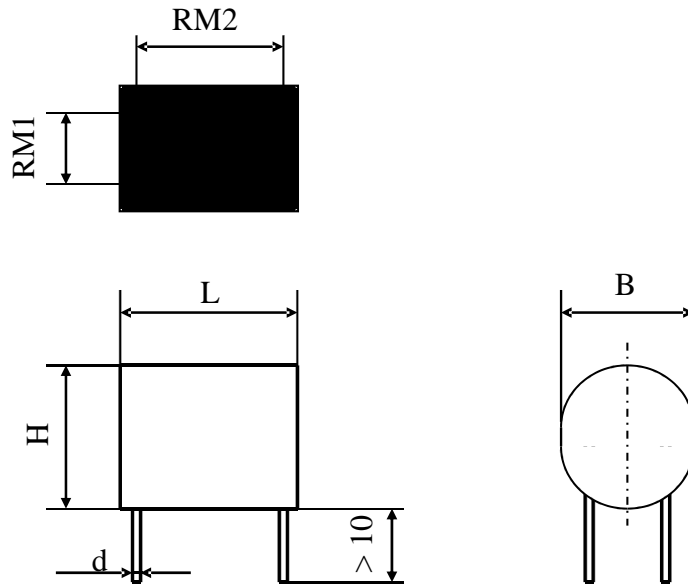


#5986

Power Electronics Capacitors

MKT-4 6-2.2 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	2.2	$\mu\text{F}$	1 V / 1 kHz
Tolerance		$\pm 10$	%	
Rated voltage	Un DC	63	VDC	100 °C
RMS current continuous	I RMS	2.23	Aeff	100 kHz
Slope of voltage variation	du/dt max.	70	V/ $\mu\text{sec}$	max. repetitive
Repetitive surge current	I cr. max	154	A	
Tangent delta	tg $\delta$	$\leq 70$	$10^{-4}$	1 V / 1 kHz
Equivalent series resistance max	ESR	$\leq 24$	m $\Omega$	100 kHz
Stray inductance	ESL	$\leq 20$	nH	
Insulation resistance	Ri	$> 4600$	M $\Omega$	50 VDC - 1 min
Test voltage between terminals	U T1	100	VDC	10 s
Operating temperature		- 55 / + 125 °C		
Dimension	Symbol	Value	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		$6.35 \pm 0.5$	mm	
RM2		$7.62 \pm 0.5$	mm	
	M1			
	M0	15.12.2010	FS	RMS + ESR max
	Modification	Date	Visa émetteur	

Condensateurs CH 1400 Yverdon, Switzerland  
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**Lecaniché**  
**Capacitors**  
A FISCHER & TROSCHE COMPANY

HJJ

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