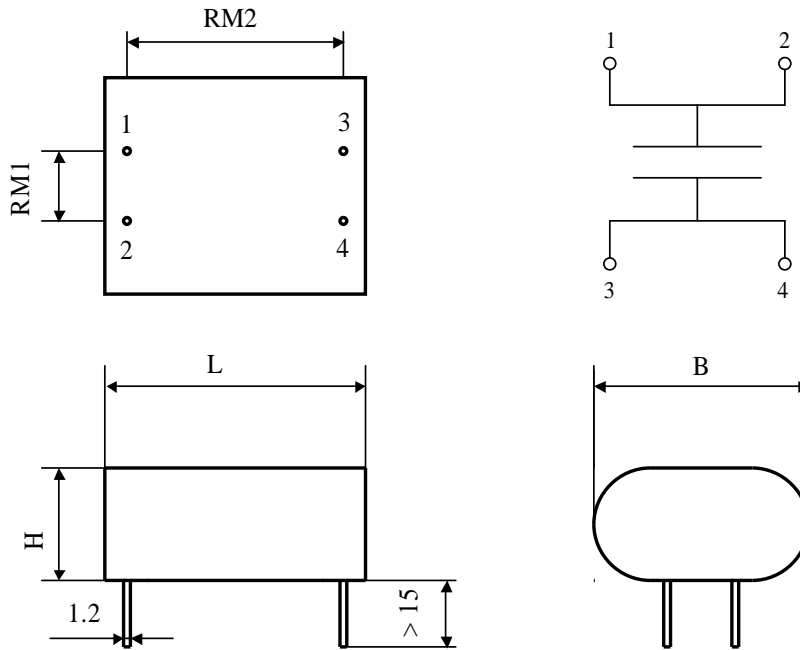


#5594

Power Electronics Capacitors

MKT-4 50-4.7 a (K)



Dielectric : metallized polyester  
Polyester wrapped

Epoxy resin sealing

Parameter	Symbol		Value	Unit	Condition
Capacitance	C		4.7	$\mu\text{F}$	1 V / 1 kHz
Tolerance			$\pm 10$	%	
Rated voltage	Un DC		500	VDC	
Rated voltage	Un AC		160	Veff	50 Hz
RMS current	I RMS max.		5.6	Aeff	100kHz
Tangente delta	tg $\delta$		$\leq 80$	$10^{-4}$	1 kHz
Equivalent serie resistance	ESR		$\leq 13$	m $\Omega$	100 kHz
Stray inductance	ESL		$\leq 15$	nH	
Insulation resistance	Ri		$> 4000$	M $\Omega$	100 VDC - 1 min
Test voltage between terminals	U T1		800	VDC	10 s
Climatic category			40/105/56		
Dimension	Symbol			Unit	Conditions
Width	B		30	mm	
Height	H		12	mm	
Length	L		32	mm	
Terminals					
Radial tinned wire	$\varnothing$		1.2	mm	
RM1			$15.4 \pm 1$	mm	
RM2			$27.5 \pm 1$	mm	
	M1	30.11.2006	FS		
	M0	03.10.2006	HJJ		
	Modification	Date	Visa émetteur		

Condensateurs CH 1400 Yverdon, Switzerland  
Kondensatoren Tel.: ++41 24 445 66 88  
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**Le lanché**  
**Capacitors**  
A FISCHER & TAUSSCHÉ COMPANY

HJJ

25.09.2006

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