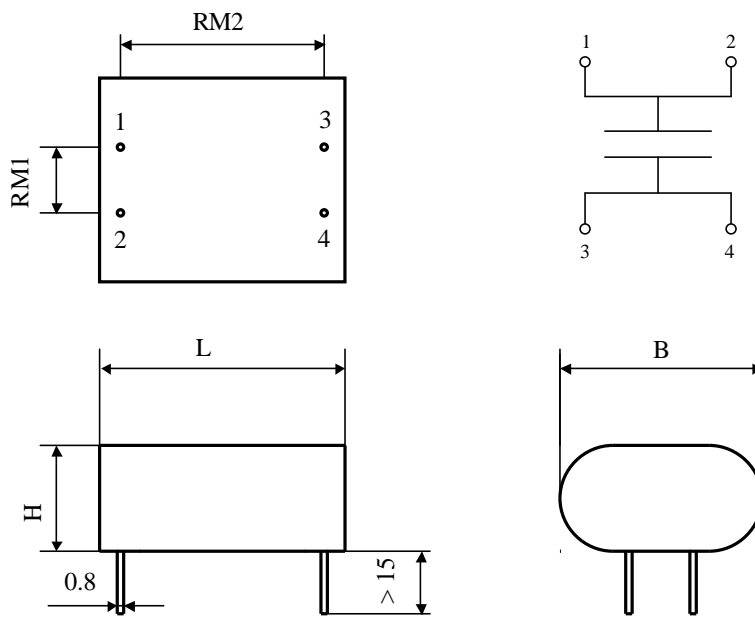


#5889

Power Electronics Capacitors

MKT-4 50-1.0 a K



Dielectric metallized polyester
Epoxy resin end sealing UL 94-V0

Polyester wrapped UL 510

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	1	μF	1 V / 1 kHz
Tolerance		± 10	%	
Rated voltage	Un DC	500	VDC	
Rated temperature		100	$^{\circ}\text{C}$	
RMS current	I RMS max.	3.15	Aeff	200 kHz / 100°C
Tangent delta	tg δ	≤ 80	10^{-4}	1 kHz
Equivalent serie resistance	ESR	≤ 52	m Ω	100 kHz
Stray inductance	ESL	≤ 15	nH	
Insulation resistance	Ri	$> 10'000$	M Ω	100 VDC - 1 min
Test voltage between terminals	U T1	800	VDC	10 s
Operating temperature		- 55 / + 125	$^{\circ}\text{C}$	

Dimension	Symbol	Value	Unit	Conditions
Width	B	16	mm	
Height	H	10	mm	
Length	L	33	mm	
Terminals				
Radial tinned wire	d	1	mm	
RM1		5.08 ± 0.5	mm	
RM2		27.94 ± 0.5	mm	
	M1			
	M0			
	Modification	Date	Visa émetteur	

Condensateurs CH 1401 Yverdon-les-Bains
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Le Janché
Capacitors
A FISCHER & HAUSSCHER COMPANY

HJJ

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