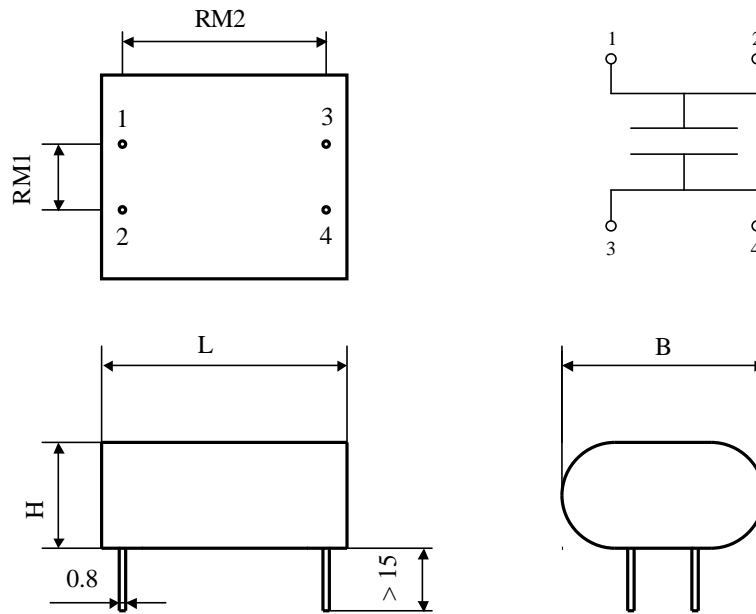


#5860

Power Electronics Capacitors

MKT-4 5-50.0 a K

Operating conditions
90 °C

Frequency [kHz]	Current I RMS max
50	14.0 A
75	13.3 A
100	12.5 A

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

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	50	μF	1 V / 1 kHz
Tolerance		± 10	%	
Rated voltage	Un DC	50	VDC	100 °C
Rated voltage	Un AC	24	Veff	50 Hz
Tangent delta	tgδ	≤ 85	10 ⁻⁴	1 kHz
Equivalent serie resistance	ESR	≤ 3.0	mΩ	50 kHz
Stray inductance	ESL	≤ 15	nH	
Insulation resistance	Ri	400	MΩ	50 VDC - 1 min
Test voltage between terminals	U T1	80	VDC	10 s
Operating temperature		- 55 / + 125 °C		
Dimension	Symbol		Unit	Conditions
Width	B	20.5	mm	
Height	H	12.5	mm	
Length	L	26.5	mm	
Terminals				
Radial tinned wire	∅	0.8	mm	
RM1		7.5 ± 0.7	mm	
RM2		22.5 ± 0.7	mm	
	M1			
	M0			
	Modification	Date	Visa émetteur	

Condensateurs CH 1400 Yverdon-les-Bains
Kondensatoren Tel.: ++41 24 445 66 88
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Le Janché
Capacitors
A FISCHER & HAUSSCHER COMPANY

HJJ

24.09.2009

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