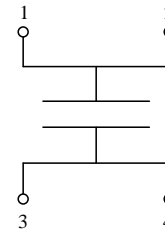
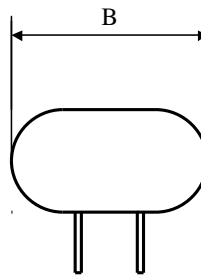
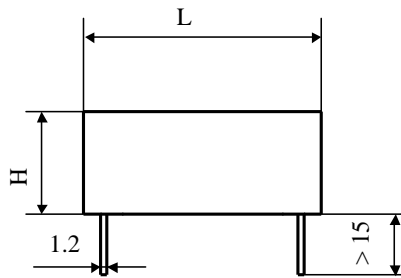
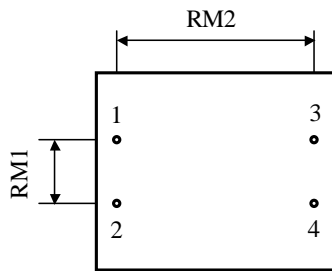


#5831

## Power Electronics Capacitors

MKT-4 10-100.0 a K



## Operating conditions

Ambient Temperature [°]	Voltage [VDC]	Current I RMS max 2.16 kHz
100	Ur	5.47 A
105	0.95 Ur	4.09 A
115	0.85 Ur	3.47 A
125	0.75 Ur	1.04 A

Dielectric metallized polyester  
Epoxy resin end sealing UL 94-V0

Polyester wrapped UL 510

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	100	μF	1 V / 1 kHz
Tolerance		± 10	%	
Rated voltage	Ur	100	VDC	100°C
Rated voltage	Un AC	15	Veff	50 Hz
Tangent delta	tgδ	≤ 100	10 <sup>-4</sup>	1 kHz
Equivalent serie resistance	ESR	≤ 5	mΩ	10 kHz
Stray inductance	ESL	≤ 15	nH	
Insulation resistance	Ri	> 13	MΩ	100 VDC - 1 min
Test voltage between terminals	U T1	160	VDC	10 s
Operating temperature		- 55 / + 125 °C		
Dimension	Symbol	Value	Unit	Conditions
Width	B max	30	mm	
Height	H max	20.5	mm	
Length	L max	37	mm	
Terminals				
Radial tinned wire	∅	1.2	mm	
RM1		12.7 ± 1.0	mm	
RM2		32.5 ± 1.0	mm	
Mass approx.	m	28	g	
	M1			
	M0			
	Modification	Date	Visa émetteur	

Condensateurs CH 1400 Yverdon-les-Bains  
Kondensatoren Tel.: ++41 24 445 66 88  
Capacitors Fax: ++41 24 445 66 89

**Le lancé**  
**Capacitors**  
A FISCHER & TALENCE COMPANY

HJJ

08.07.2009

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