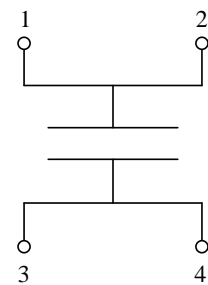
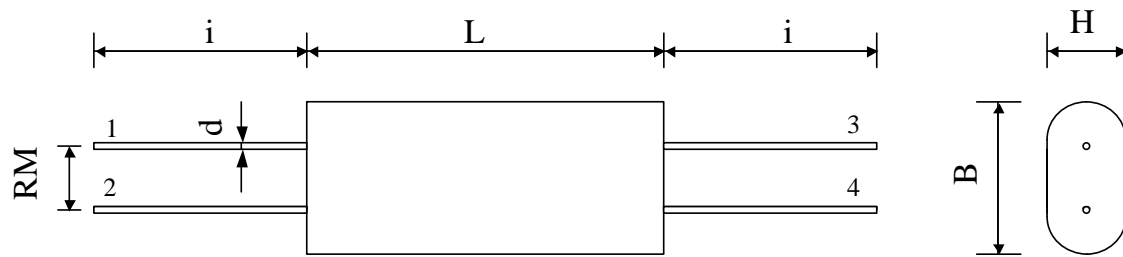


#5837

Power Electronics Capacitors

MKT-4 5-47.0 df K



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

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	47	μF	1 V / 1 kHz
Tolerance		± 10	%	
Rated voltage	Un DC	50	VDC	
Rated voltage	Un AC	24	Veff	50 Hz
RMS current	I RMS max.	11	Aeff	20 kHz to 100 kHz 90°C
Tangent delta	tg δ	≤ 85	10^{-4}	1 kHz
Equivalent serie resistance	ESR	≤ 4.5	m Ω	100 kHz
Stray inductance	ESL	≤ 15	nH	
Insulation resistance	Ri	420	M Ω	50 VDC - 1 min
Test voltage between terminals	U T1	80	VDC	10 s
Climatic category		40/105/56		
Dimension	Symbol		Unit	Conditions
Width	B max	20.5	mm	
Height	H max	12.5	mm	
Length	L max	26.5	mm	
Terminals				
Radial tinned wire	\emptyset	0.8	mm	
RM		7.62 ± 1.0	mm	
	M1			
	M0			
	Modification	Date	Visa émetteur	

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

Le lanché
Capacitors
A FISCHER & TASSCHER COMPANY

HJJ

13.08.2009

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