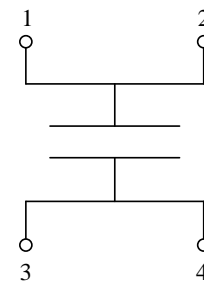
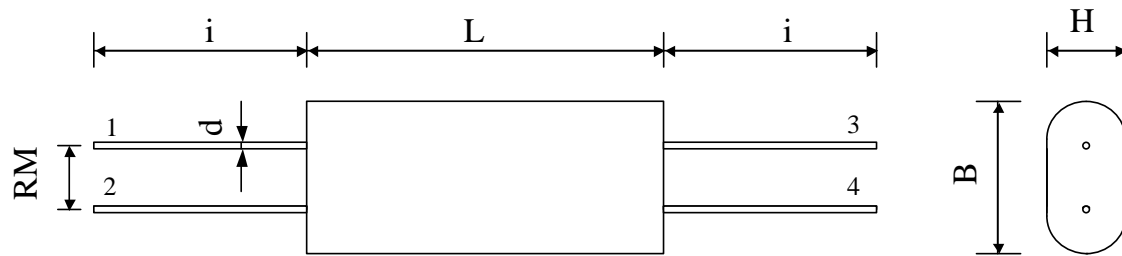


#5837

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	$\mu\text{F}$	1 V / 1 kHz
Tolerance		$\pm 10$	%	
Rated voltage	Un DC	50	VDC	
Rated voltage	Un AC	24	Veff	50 Hz
RMS current 20 kHz to 100 kHz	I RMS max.	15	Aeff	25°C
		11		90°C
Tangent delta	tg $\delta$	$\leq 85$	$10^{-4}$	1 kHz
Equivalent serie resistance	ESR	$\leq 4.5$	m $\Omega$	100 kHz
Stray inductance	ESL	$\leq 15$	nH	
Insulation resistance	Ri	420	M $\Omega$	50 VDC - 1 min
Test voltage between terminals	U T1	80	VDC	10 s
Climatic category		40/105/56		
Dimension	Symbol	Value	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		$7.62 \pm 1.0$	mm	
	M1			
	M0	23.11.2009	HJJ	
	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 Janché**  
**Capacitors**  
A FISCHER & TAUSSCH COMPANY

HJJ

13.08.2009

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