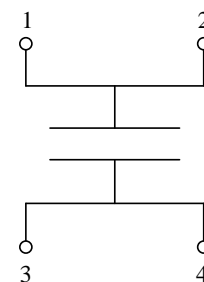
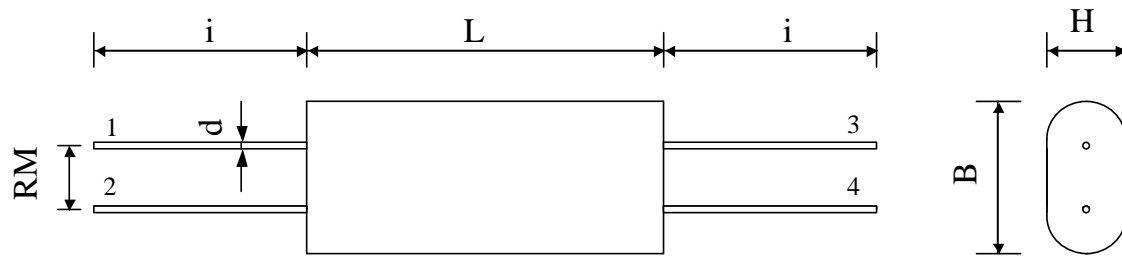


#5837

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 20 kHz to 100 kHz	I RMS max.		15	Aeff	25°C
			11		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	\varnothing		0.8	mm	
RM			7.62 ± 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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