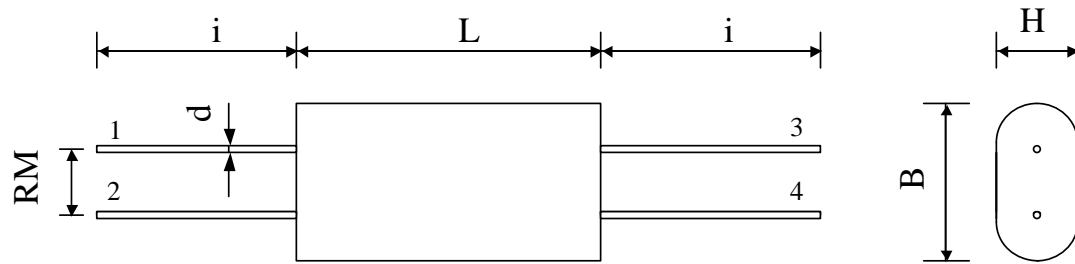


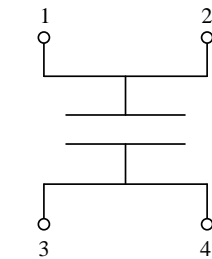
#5805

Power Electronics Capacitors

MKT-4 45-45.0 df K



Operating conditions		
Ambient Temperature [°]	Voltage [VDC]	Current I RMS max 10 kHz
100	450	14.7 A
115	385	9.0 A
125	340	2.4 A



Dielectric metallized polyester Polyester wrapped UL 510
Epoxy resin end sealing UL 94-V0

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	45	μF	1 V / 1 kHz
Tolerance		± 10	%	
Rated voltage	Ur	450	VDC	100°C
Tangent delta	tgδ	≤ 100	10 ⁻⁴	1 kHz
Equivalent serie resistance	ESR	≤ 7.2	mΩ	10 kHz
Stray inductance	ESL	≤ 15	nH	
Insulation resistance	Ri	> 222	MΩ	100 VDC - 1 min
Test voltage between terminals	U T1	720	VDC	10 s
Operating temperature		- 55 / + 125 °C		
Dimension	Symbol	Value	Unit	Conditions
Width	B max	44	mm	
Height	H max	28	mm	
Length	L max	45	mm	
Terminals				
Radial tinned wire	d	1.2	mm	
RM		12.7 ± 2.0	mm	
Length	i	≥ 38 mm		
	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 lanché
Capacitors
A FISCHER & TROSCHE COMPANY

HJJ

24.04.2009

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