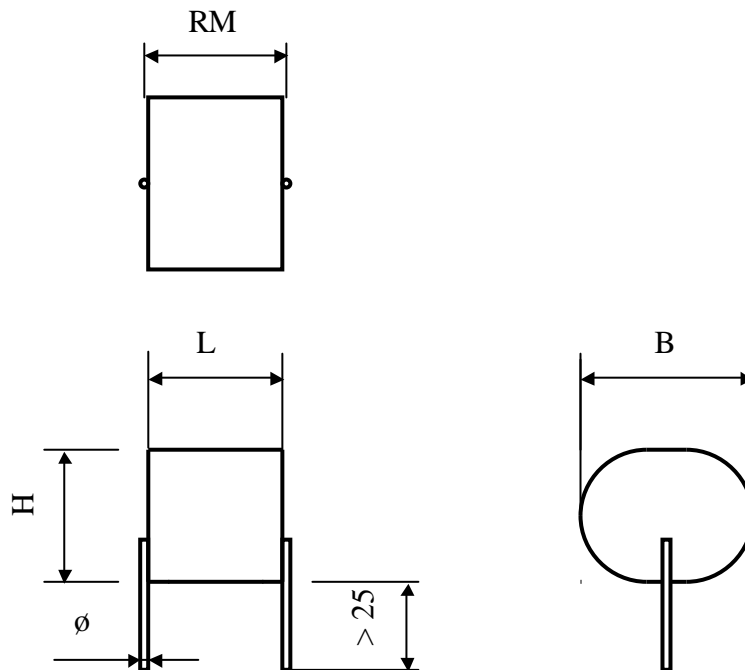


#5832

Power Electronics Capacitors

MKT 100-4.0 dip

Preliminary datasheet



Dielectric : metallized polyester

Epoxy resin dipped

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	4	μF	1 V / 1 kHz
Tolerance		-5 / + 10	%	
Rated voltage	Ur	1000	VDC	100°C
Rated voltage	Ur	850	VDC	125°C
Repetitive peak current	I cr. max.	250	A	
Tangent delta	tg δ	≤ 55	10^{-4}	1 kHz
Stray inductance	ESL	≤ 20	nH	
Leakage Current	I F	< 0.7	mA	850 V / 120 °C
Insulation resistance (23 °C)	Ri	> 2000	M Ω	500 VDC - 2 min
Test voltage between terminals	U T	1250	VDC	10 s
Operating temperature		- 55 / + 125	°C	
Dimension	Symbol	Value	Unit	Conditions
Width	B max	30.5	mm	
Height	H max	24	mm	
Length	L max	26	mm	
Terminals				
Radial tinned cooper leads	\emptyset	1	mm	
RM		25.4 ± 0.4	mm	
	M1			
	M0			
	Modification	Date	Visa émetteur	

Condensateurs CH 1400 Yverdon-les-Bains
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Le lanché
Capacitors
A FISCHER & TALSCHER COMPANY

HJJ

08.07.2009

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