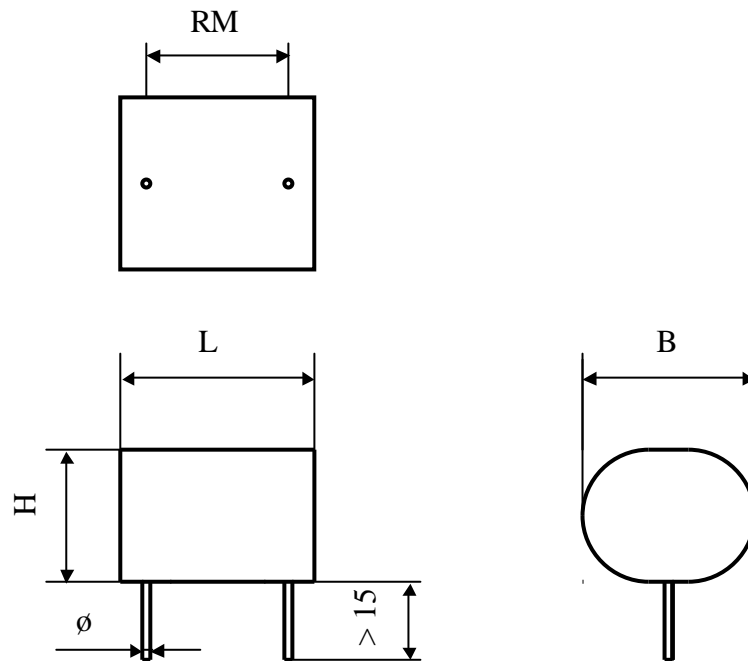


#5800

Power Electronics Capacitors

MKT 10-6.8 a M



Dielectric : metallized polyester
Polyester wrapped UL 510

Epoxy resin sealing UL 94-V0

Parameter	Symbol		Value	Unit	Condition
Capacitance	C		6.8	μF	1 V / 1 kHz
Tolerance			± 20	%	
Rated voltage	Ur		100	VDC	100°C
Rated voltage	Un AC		40	Veff	50 Hz
RMS current	I RMS max.		5.5	Aeff	300 kHz / 105°C
Tangent delta	tg δ		≤ 90	10^{-4}	1 kHz
Equivalent serie resistance	ESR		≤ 6	m Ω	300 kHz
Stray inductance	ESL		≤ 13	nH	
Insulation resistance	Ri		> 184	M Ω	100 VDC - 1 min
Test voltage between terminals	U T1		160	VDC	10 s
Climatic category			40/105/21		
Dimension	Symbol			Unit	Conditions
Width	B max		15.5	mm	
Height	H max		12	mm	
Length	L max		16.5	mm	
Terminals					
Radial tinned wire	ϕ		1	mm	
RM			12.5 ± 0.5	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 & TALENTE COMPANY

HJJ

26.03.2009

faisab5800.XLS