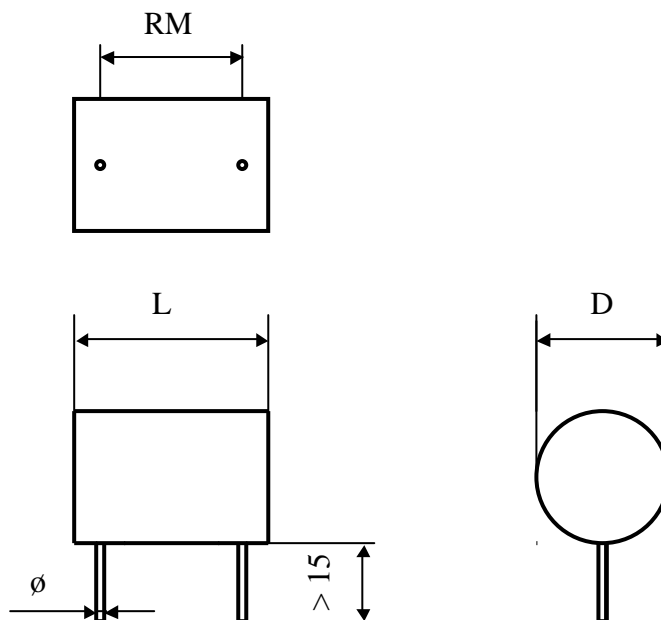


#5645

Power Electronics Capacitors

MKT 5-10.0 a K

Preliminary
datasheet



Dielectric : metallized polyester
Polyester wrapped

Epoxy resin sealing

Parameter	Symbol		Value	Unit	Condition
Capacitance	C		10	μF	1 V / 1 kHz
Tolerance			± 10	%	
Rated voltage	Un DC		50	VDC	
RMS current	I RMS max.		6	Aeff	300 kHz / 105°C
Tangente delta	tg δ		≤ 100	10^{-4}	1 kHz
Equivalent serie resistance	ESR		≤ 6	m Ω	100 kHz
Stray inductance	ESL		≤ 15	nH	
Insulation resistance	Ri		125	M Ω	10 VDC - 1 min
Test voltage between terminals	U T1		80	VDC	10 s
Climatic category			40/105/56		
Dimension	Symbol			Unit	Conditions
Diameter	D		12.5	mm	
Length	L		14	mm	
Terminals					
Radial tinned wire	ϕ		0.8	mm	
RM			8.5 ± 0.5	mm	
	M1				
	M0				
	Modification	Date	Visa émetteur		

Condensateurs
Kondensatoren
Capacitors

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Le lanché
Capacitors
A FISCHER & TALSCHER COMPANY

HJJ

06.03.2007

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