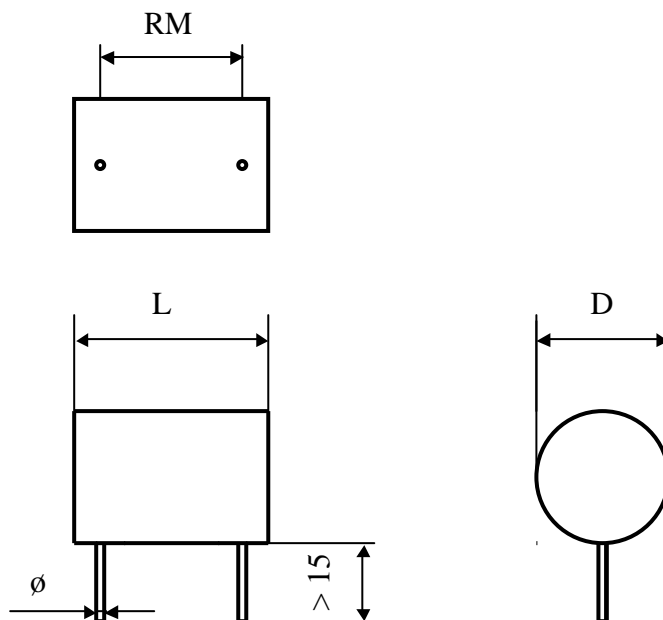


#5645

Power Electronics Capacitors

MKT 5-10.0 a K

Preliminary datasheet
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Dielectric : metallized polyester  
Polyester wrapped

Epoxy resin sealing

Parameter	Symbol		Value	Unit	Condition
Capacitance	C		10	$\mu\text{F}$	1 V / 1 kHz
Tolerance			$\pm 10$	%	
Rated voltage	Un DC		50	VDC	
RMS current	I RMS max.		6	Aeff	300 kHz / 105°C
Tangente delta	tg $\delta$		$\leq 100$	$10^{-4}$	1 kHz
Equivalent serie resistance	ESR		$\leq 6$	m $\Omega$	100 kHz
Stray inductance	ESL		$\leq 15$	nH	
Insulation resistance	Ri		125	M $\Omega$	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	$\phi$		0.8	mm	
RM			$8.5 \pm 0.5$	mm	
	M1				
	M0				
	Modification	Date	Visa émetteur		

Condensateurs  
Kondensatoren  
Capacitors

CH 1401 Yverdon-les-Bains  
Tel.: ++41 24 445 66 88  
Fax: ++41 24 445 66 89

**Le lanché**  
**Capacitors**  
A FISCHER & TALSCHER COMPANY

HJJ

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