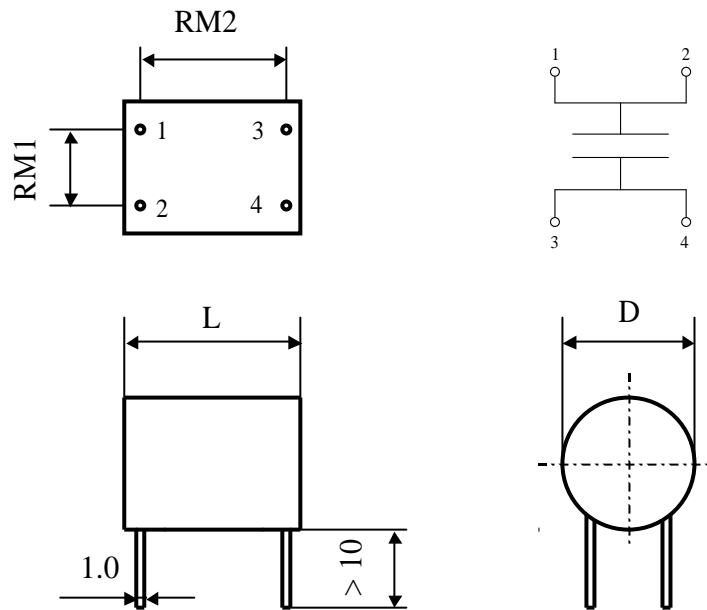


#5660

Power Electronics Capacitors

PPM-4 50-6.8 a K



Dielectric metallized polyester
Epoxy resin end sealing UL 94-V0

Polyester wrapped UL 510

Parameter	Symbol		Value	Unit	Condition
Capacitance	C		6.8	μF	1 V / 1 kHz
Tolerance			± 10	%	
Rated voltage	Un DC		500	VDC	
Rated voltage	Un AC		100	Veff	50Hz to 400 Hz
RMS current	I RMS max.		9	Aeff	5 kHz to 50 kHz
Repetitive surge current	I cr. max		300	A	
Tangent delta	tg δ		≤ 5	10^{-4}	1 kHz
Equivalent serie resistance	ESR		≤ 10.0	m Ω	100 kHz
Stray inductance	ESL		≤ 15	nH	
Insulation resistance	Ri		> 1400	M Ω	500 VDC - 1 min
Test voltage between terminals	U T1		650	VDC	10 s
Operating temperature on the capacitors			-55 / + 105	$^{\circ}\text{C}$	in operation
Estimated operational life (-3%)			30000	h	500 V - 60 $^{\circ}\text{C}$
Dimension	Symbol			Unit	Conditions
Diameter	D max		20	mm	
Length	L max		33	mm	
Terminals					
Radial tinned wire	\varnothing		1	mm	
RM1			10 ± 0.5	mm	
RM2			29 ± 0.5	mm	
	M1				
	M0	04.02.2010	HJJ		
	Modification	Date	Visa émetteur		

Condensateurs CH 1400 Yverdon-les-Bains
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Le Janché
Capacitors
A FISCHER & TAUSSIG COMPANY

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21.04.2007

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