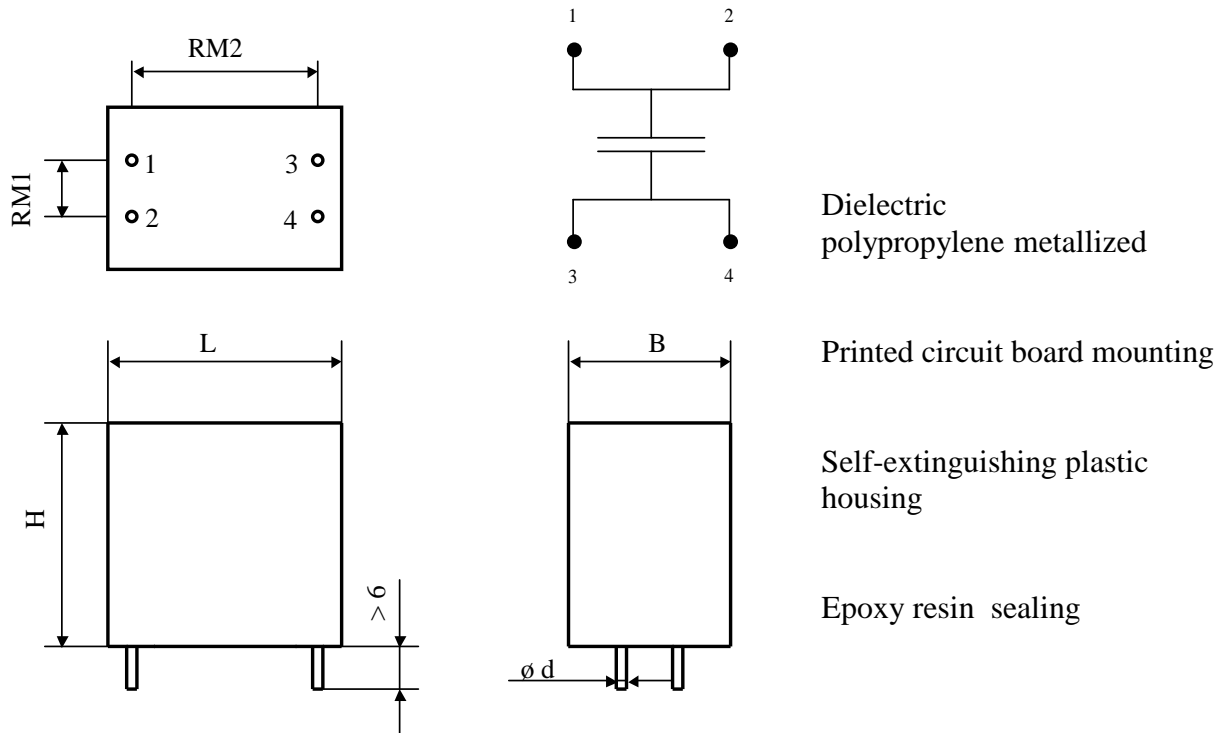


#6260

Power Electronics Capacitors

PPM-4 45-40.0 g K



Parameter	Symbol	Value	Unit	Condition
Capacitance	C	40	μF	1 V / 1 kHz
Tolerance		± 10	%	
Rated voltage	Un DC	450	VDC	
Maximum RMS current	I RMS	12.5	Aeff	10 kHz / 70 °C
slope of voltage variation	du/dt max.	10	V/ μsec	
Tangente delta	tg δ	≤ 4	10^{-4}	1 kHz
Equivalent serie resistance	ESR	≤ 4.7	m Ω	10 kHz / 23°C
Stray inductance	ESL	≤ 25	nH	
Insulation resistance	Ri	> 500	M Ω	100 VDC - 1 min
Test voltage between terminals	U T1	675	VDC	10 s
Operating temperature		- 25 / + 85 °C		
Estimated operational life		$> 100'000$	h	Un DC / 70°C
Dimension	Symbol	Value	Unit	Conditions
Width	B	28.0 ± 0.3	mm	
Height	H	37.5 ± 0.3	mm	
Length	L	42.5 ± 0.3	mm	
Terminals				
Radial tinned wire (4 x)	ϕ	1.2	mm	
RM1		10.2 ± 0.5	mm	
RM2		37.5 ± 0.5	mm	
	M1			
	M0			
Modification	Date	Visa émetteur		

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Leclanché
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