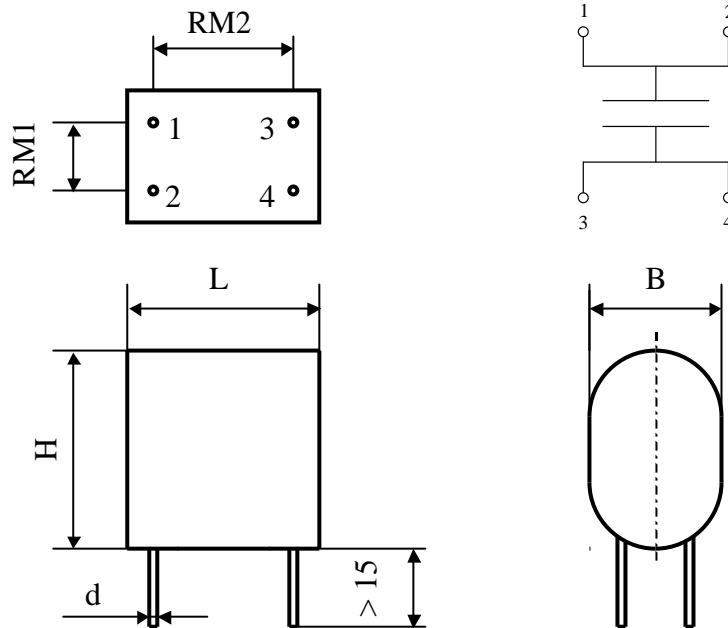


#6108

Power Electronics Capacitors

PPM 125-1.0 a J



Dielectric of metallized polypropylene

Polyester wrapped flammability UL 510 / Epoxy resin sealing UL 94-V0

Parameter	Symbol		Value	Unit	Condition
Capacitance	C		1	μF	1 V / 1 kHz
Tolerance			± 5	%	
Rated voltage	Un DC		1250	VDC	
Rated voltage	Un AC		500	VAC	
RMS current	I RMS		16	Aeff	100 kHz
slope of voltage variation	du/dt max.		450	V/ μsec	
Tangente delta	tg δ		≤ 4	10^{-4}	1 kHz
Equivalent serie resistance	ESR		≤ 5.0	m Ω	100 kHz / 23°C
Stray inductance	ESL		≤ 25	nH	
Insulation resistance	Ri		> 20000	M Ω	500 VDC - 1 min
Test voltage between terminals	U T1		2000	VDC	10 s
Operating temperature			- 25 / + 85 °C		
Estimated operational life			> 100'000	h	Un DC / 70°C
Dimension	Symbol			Unit	Conditions
Width	B max		28.5	mm	
Height	H max		37.5	mm	
Length	L max		43	mm	
Terminals					
Radial tinned wire	\varnothing		1.2	mm	
RM1			10.2 \pm 0.7	mm	
RM2			37.5 \pm 0.7	mm	
	M1				
	M0				
	Modification	Date	Visa émetteur		

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Leclanché
Capacitors
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