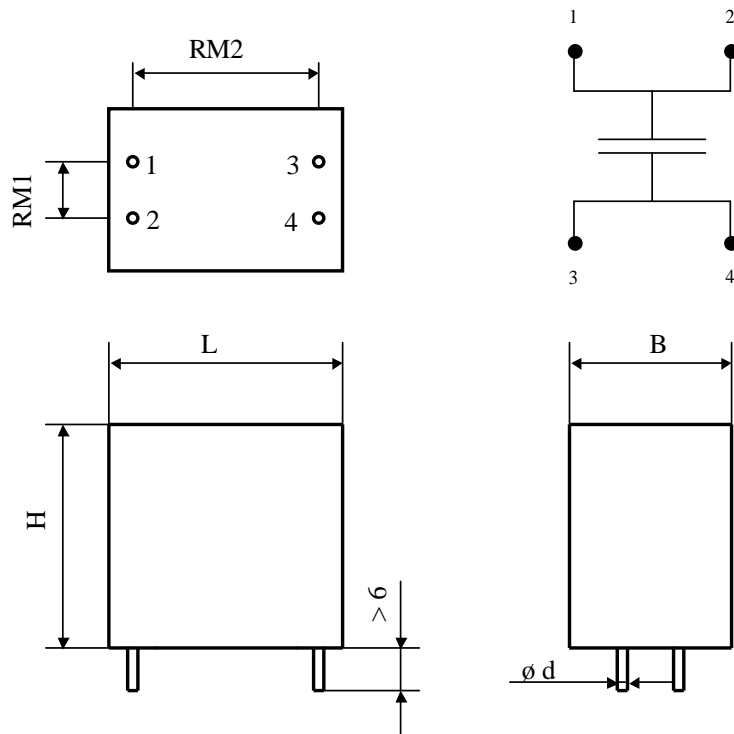


#6116


Power Electronics Capacitors

PPM-4 125-1.0 g J

Dielectric
polypropylene metallized

Printed circuit board mounting

Self-extinguishing plastic
housing

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		42.5	mm		
Terminals						
Radial tinned wire (4 x)		\varnothing	1.2	mm		
RM1			10.2 ± 0.5	mm		
RM2			37.5 ± 0.5	mm		
	M1					
	M0	17.08.2012	HJJ			
	Modification	Date	Visa émetteur			
Condensateurs	CH 1400 Yverdon, Switzerland			HJJ	www.Lcap.ch 27.06.2012	capinfo@Lcap.ch faisab6116.XLS
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