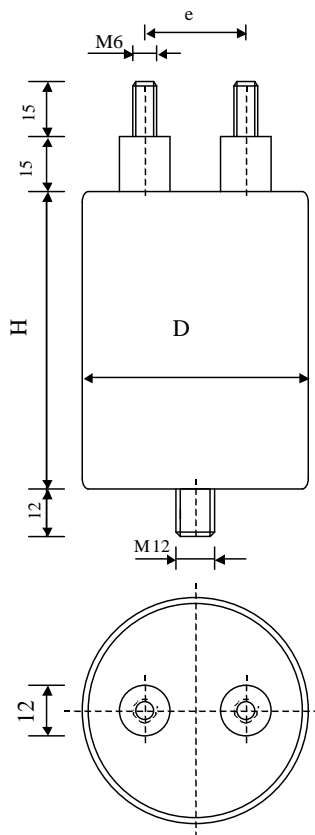


#6100

METALLIZED POLYPROPYLENE CAPACITORS

PPM 250-1.0 cv5 K



Dielectric of metallized polypropylene

Threaded outputs

Resin end sealing

Aluminium case

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	1	$\mu\text{F}$	1 V / 1 kHz
Tolerance		$\pm 10$	%	
Rated voltage	Un DC	2500	VDC	
Rated voltage	Un AC	850	VDC	50 Hz to 100 Hz
RMS Current permanent	I <sub>eff max.</sub>	20	A <sub>eff</sub>	10 kHz to 100 kHz
Repetitive surge current	I <sub>cr. max</sub>	500	A	
Tangent delta	tg $\delta$	$\leq 4$	$10^{-4}$	1 V / 1 kHz
Equivalent serie resistance	ESR	9	m $\Omega$	1 V / 10 kHz
Stray inductance	ESL	$\leq 110$	nH	
Insulation resistance	R <sub>i</sub> x C	$\geq 30'000$	s	500 VDC - 1 min
Test voltage between terminals	U T1	5000	VDC	10 s
Test voltage terminals to case	U T2	5000	VDC	10 s
Operating temp.		- 25 / + 85 °C		
Estimated operational life (-7 %)		> 100'000	h	Un DC / 70°C
Dimension	Symbol	Value	Unit	Conditions
Diameter	D	60	mm	
Height	H max	105	mm	
Terminals				
Thread		M6 x 15	mm	
Thread spacing	e	20 $\pm$ 0.5	mm	
Fixing stud		M12 x 12	mm	
	M1			
	M0			
	Modification	Date	Visa émetteur	

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**Lecdanché**  
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