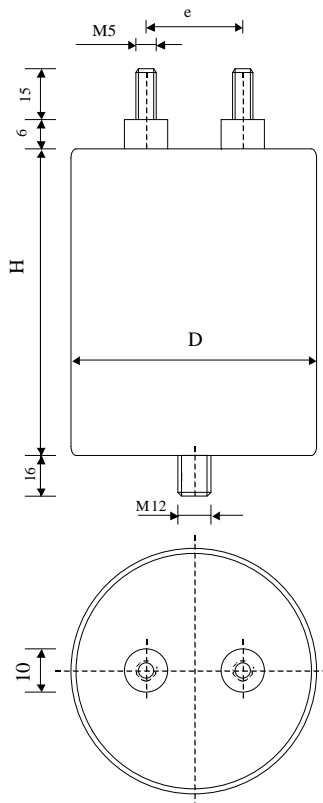


#6111

METALLIZED POLYPROPYLENE CAPACITORS

PPM 90-180.0 cv5 K



Dielectric of metallized polypropylene

Threaded outputs

Resin end sealing

Aluminium case

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	180	$\mu\text{F}$	1 V / 1 kHz
Tolerance		$\pm 10$	%	
Rated voltage	Un DC	900	VDC	
Maximum voltage	U max	950	VDC	
Surge voltage	Us	1270	V cr.	20 ms
RMS Current	I <sub>eff</sub>	8	A <sub>eff</sub>	3 kHz to 10 kHz
Repetitive surge current	I cr. max	1500	A	
Tangent delta	tg $\delta$	$\leq 70$	$10^{-4}$	1 V / 1 kHz
Equivalent serie resistance	ESR	$< 7.0$	m $\Omega$	1 V / 10 kHz
Stray inductance	ESL	$\leq 100$	nH	
Insulation resistance	Ri x C	$\geq 30'000$	s	500 VDC - 1 min
Test voltage between terminals	U T1	1400	VDC	10 s
Test voltage terminals to case	U T2	2500	VAC	1 min
Operating temp.		- 25 / + 85 °C		
Estimated operational life (-3 %)		$> 160'000$	h	Un DC / 55°C

Dimension	Symbol	Value	Unit	Conditions
Diameter	D	75	mm	
Height	H max	116	mm	
Terminals				
Thread		M5 x 15	mm	
Thread spacing	e	$32 \pm 0.5$	mm	
Fixing stud		M12 x 16	mm	
	M1			
	M0			
	Modification	Date	Visa émetteur	

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**Leclanché**  
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 12.06.2012

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