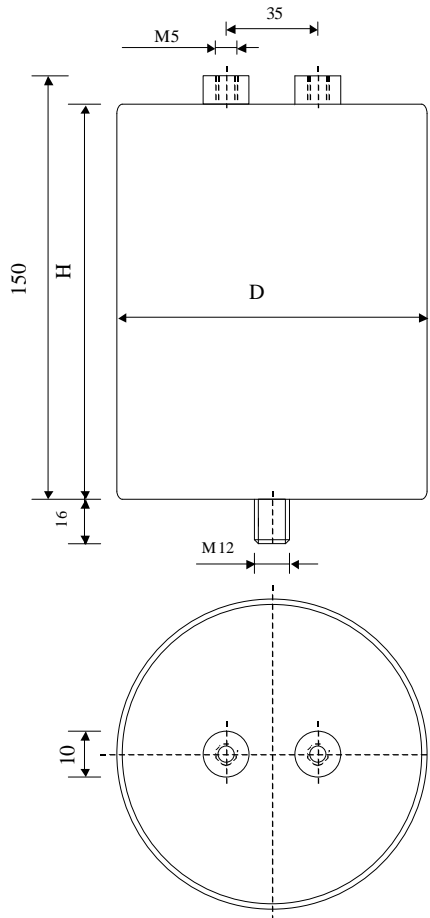


#6172

METALLIZED POLYPROPYLENE CAPACITORS

PPM 100-270.0 cv6 K



Dielectric of metallized polypropylene

Threaded outputs

Epoxy resin end sealing

Aluminium case

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	270	μF	1 V / 1 kHz
Tolerance		± 10	%	
Rated voltage	Un DC	1000	VAC	
Surge voltage	Us	1100	V cr.	
RMS Current	I _{eff max.}	40	A _{eff}	10 kHz
Repetitive surge current	I _{cr. max}	2000	A	
Tangent delta	tg δ	≤ 45	10^{-4}	1 V / 1 kHz
Equivalent serie resistance	ESR	2.7	m Ω	1 V / 10 kHz
Stray inductance	ESL	≤ 90	nH	
Insulation resistance	Ri x C	$\geq 30'000$	s	300 VDC - 1 min
Test voltage between terminals	U T1	1500	VDC	10 s
Test voltage terminals to case	U T2	2500	VAC	50 Hz / 1 min
Climatic category		27/70/56		
Estimated operational life (-5 %)		$> 100'000$	h	65 °C / 1000 VDC

Dimension	Symbol	Value	Unit	Conditions
Diameter	D	90	mm	
Height	H	145	mm	
Terminals				
Thread		M5 x 10	mm	
Thread spacing	e	35	mm	
Fixing stud		M12 x 16	mm	

	M1			
	M0			
	Modification	Date	Visa émetteur	

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Lecranché
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HJJ

02.04.2013

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