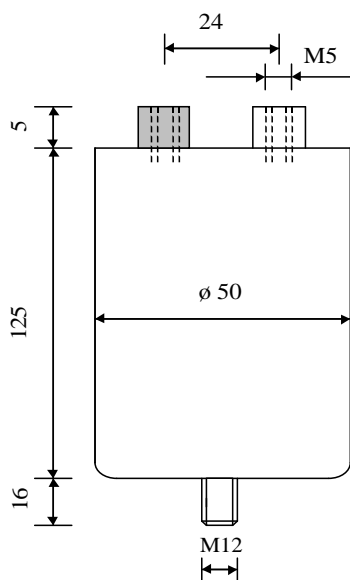


#9858

Metallized polypropylene capacitors

PPMF 90-40.0 cv6



Dielectric of metallized polypropylene  
Screws terminals  
Epoxy resin end sealing  
Cylindrical aluminium case

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	40	$\mu\text{F}$	
Tolerance		$\pm 10$	%	
Rated voltage	Un DC	900	VDC	
	Un AC	320	VAC	
RMS Current	$I_{\text{eff}}$	2C	A <sub>eff</sub>	$f \geq 250 \text{ Hz}$
slope of voltage variation	du/dt	1C	V/ $\mu\text{sec}$	
Repetitive current	$I_{\text{cr}}$	400	A	
Equivalent serie resistance	ESR	7	mOhm	10 kHz
Stray inductance	ESL	250	nH	
Test voltage between terminals	U T1	1280	VDC	10 s
Test voltage terminals to case	U T2	30000	VAC	50 Hz - 1 min
Power loss factor	tg $\delta$	5	E-4	Un - 50 Hz
Working temperature		70	$^{\circ}\text{C}$	
Insulation resistance	$R_i \times C$	$> 10'000$	s	
Insulation to case		$> 12'000$	$\text{M}\Omega$	
Climatic category		25/70/56		
Estimated operational life (-3%)		100 000	h	Un DC - 70 $^{\circ}\text{C}$

Dimension	Symbol	Value	Unit	Conditions
Diameter	$\varnothing D$	50	mm	
Height	H	125	mm	
Terminals				
Insert		M5 x 10	mm	
Insert spacing		24	mm	
fixing stud		M12 x 16	mm	
	M1			
	M0			
	Modification	Date	Visa émetteur	

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**Leclanché**  
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