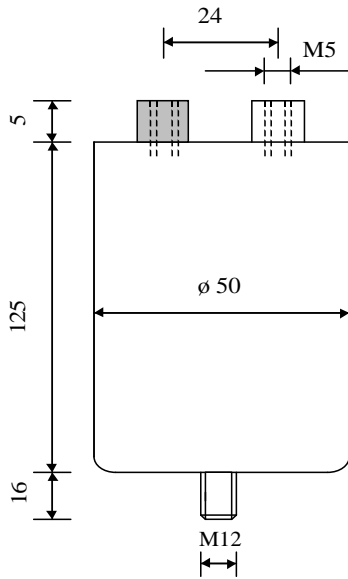


#9858

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	μF	
Tolerance			± 10	%	
Rated voltage	Un DC		900	VDC	
	Un AC		320	VAC	
RMS Current	I_{eff}		2C	A _{eff}	$f \geq 250 \text{ Hz}$
slope of voltage variation	du/dt		1C	V/ μsec	
Repetitive current	I_{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	$\text{tg}\delta$		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			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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