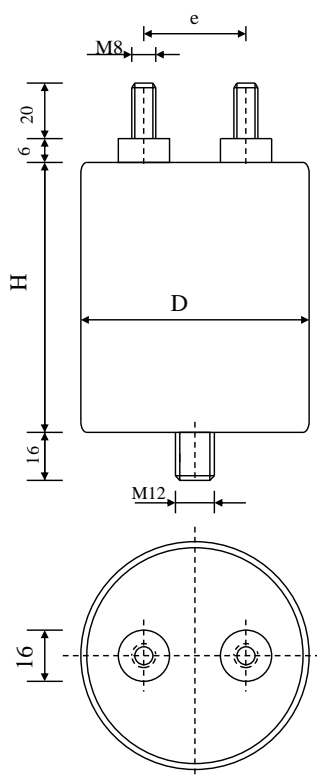


#6307

METALLIZED POLYPROPYLENE CAPACITORS

PPM 68-650.0 cv5 K



Dielectric of metallized polypropylene

Threaded outputs

Resin end sealing

Aluminium case

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	650	μF	1 V / 1 kHz
Tolerance		± 10	%	
Rated voltage	Un DC	680	VDC	
Maximum voltage	Um	750	VDC	
RMS Current permanent	I _{eff max.}	45	A _{eff}	
Repetitive surge current	I cr. max	4000	A	
Tangent delta	tg δ	≤ 120	10^{-4}	1 V / 1 kHz
Equivalent serie resistance	ESR	< 3.0	m Ω	1 V / 10 kHz
Thermal resistance	R _{th}	4	$^{\circ}\text{C/W}$	Hot spot - ambient
Stray inductance	ESL	≤ 60	nH	
Insulation resistance	R _{i x C}	$\geq 20'000$	s	500 VDC - 1 min
Test voltage between terminals	U T1	1125	VDC	10 s
Test voltage terminals to case	U T2	2850	VAC	50 Hz / 1 min
Climatic category		25/70/56		
Estimated operational life (-5 %)		200000	h	700 V / 70 $^{\circ}\text{C}$
Estimated operational life (-5 %)		200000	h	700 V / 63 $^{\circ}\text{C}$ + 24 A / 9 kHz

Dimension	Symbol	Value	Unit	Conditions
Diameter	D	90	mm	
Height	H	150	mm	
Terminals				
Thread		M8 x 20	mm	
Thread spacing	e	45 ± 1	mm	
Fixing stud		M12 x 16	mm	
Mass approx.	m	1.1	kg	
	M1			
	M0	04.07.2014	HJJ	
	Modification	Date	Visa émetteur	

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Leclanché
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