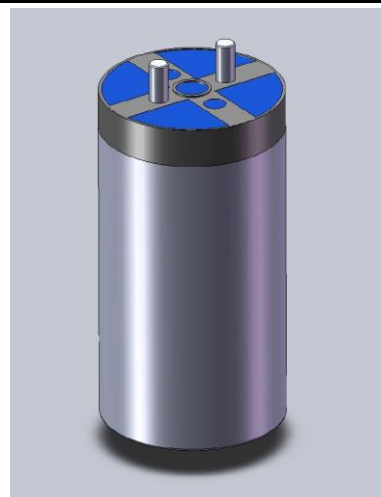
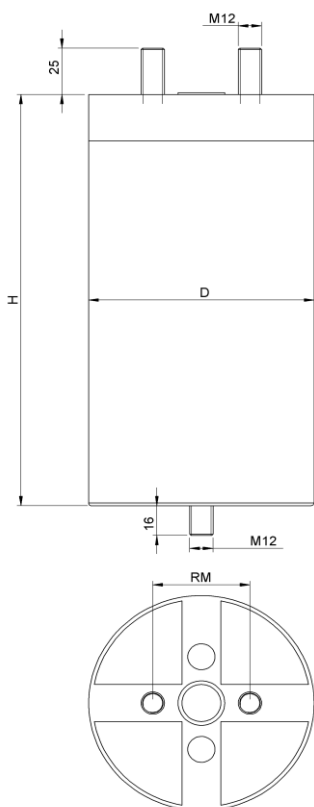


#6351

METALLIZED POLYPROPYLENE CAPACITORS

PPM 250-15.0 cv5 J



Dielectric of metallized polypropylene

Threaded outputs

Resin end sealing

Aluminium case

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	15	μF	1 V / 1 kHz
Tolerance		± 5	%	
Rated voltage	Un DC	2500	VDC	
Rated voltage	Un AC	1800	V RMS	
Surge voltage	Us	5200	V	
Maximum RMS current	$I_{\text{eff max.}}$	120	Aeff	10 kHz
Repetitive surge current	$I_{\text{cr. max}}$	7500	A	
non repetitive surge current	I_{s}	20000	A	
Tangent delta	$\text{tg}\delta$	≤ 5.0	10^{-4}	1 V / 1 kHz
Equivalent serie resistance	ESR	< 1.8	$\text{m}\Omega$	1 V / 10 kHz
Stray inductance	ESL	≤ 60	nH	
Insulation resistance	$R_i \times C$	$\geq 40'000$	s	500 VDC - 1 min
Test voltage between terminals	U T1	7600	VDC	60 s.
Test voltage terminals to case	U T2	12000	VAC	50 Hz / 1 min
Operating temperature		-40°C to $+85^\circ\text{C}$		
Estimated operational life (-5 %)		> 200000	h	2500 VDC / 70°C

Dimension	Symbol	Value	Unit	Conditions
Diameter	D	116 ± 2.0	mm	
Height	H	222 ± 1	mm	
Terminals				
Thread		M12 x 25	mm	
Thread spacing	RM	50 ± 1	mm	
Fixing stud		M12 x 16	mm	

	M1	08.10.2015	HJJ	
	M0	01.10.2015	HJJ	
	Modification	Date	Visa émetteur	

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Lecaniché
Capacitors
A FISCHER & TAUSSCHIG COMPANY

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17.11.2014

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