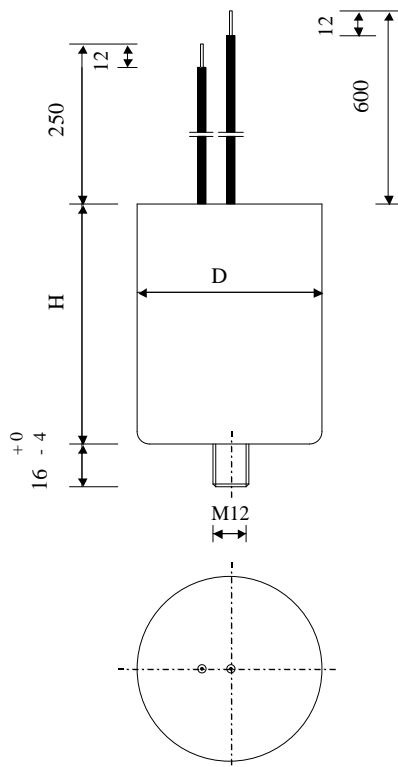


#5979

METALLIZED POLYPROPYLENE CAPACITORS

PPM 400-070 tv3 K

Preliminary
data sheetDielectric of metallized
polypropylene

Polyurethane resin end sealing

Plastic case

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	0.7	μF	1 V / 1 kHz
Tolerance		± 10	%	
Rated voltage	Un DC	4000	VDC	
Rated voltage	Un AC	2850	VAC	
Surge Voltage	Us	5200	V	
RMS Current	I _{eff} max.	11	A _{eff}	10 kHz
slope of voltage variation	du/dt max.	1000	V/ μsec	max. repetitive
Repetitive surge current	I cr. max	700	A	
Tangent delta	tg δ	≤ 3	1C^4	1 V / 100 Hz
Tangent delta	tg δ	≤ 5	1C^4	1 V / 1 kHz
Stray inductance	ESL	≤ 120	nH	internal
Insulation resistance between terminals	Ri	$> 20'000$	M Ω	500 VDC - 1 min
Insulation resistance terminals to case	Ri tc	$> 10'000$	M Ω	500 VDC - 1 min
Partial discharge test		1 min	< 50	pC 2120 VAC / 50 Hz
Test voltage between terminals	U T1	7000	VDC	10 s
Test voltage terminals to case	U T2	10'000	VAC	50 Hz / 1 min
operating temperature		- 40 / + 70	$^{\circ}\text{C}$	
Estimated operational life 70 $^{\circ}\text{C}$ (-3%)		1'000	h	1.25 Un AC / 50 Hz

Dimension	Symbol	Value	Unit	Conditions
Diameter	D	60	mm	
Height	H	142	mm	
Terminals				
Cable silicone	l	250 / 600	mm	
section	s	1.5	mm ²	
fixing stud		M12	mm	
	M1			
	M0			
	Modification	Date	Visa émetteur	

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Leclanché
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