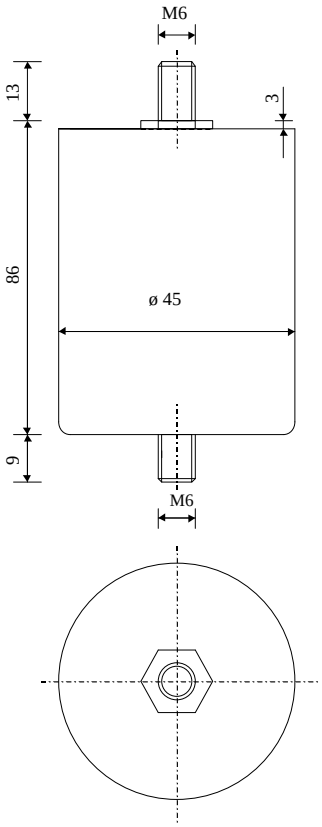
#5400	Metallized polypropylene capacitors	PPM 160-2.2 cv4 K



Dielectric of metallized polypropylene

Threaded outputs

Epoxy resin end sealing

Aluminium case

Parameter	Symbol		Value	Unit	Condition
Capacitance	C		2.2	µF	1 V / 1 kHz
Tolerance			± 10	%	
Rated voltage	Un DC		1600	VDC	
Rated voltage	Un AC		850	VAC	50 Hz - 1515 Hz
RMS Current	Ieff		19	Aeff	f ≥ 1515 Hz
slope of voltage variation	du/dt max.		220	V/µsec	max. repetitive
Repetitive surge courrent	I cr. max		484	A	
Power loss factor	tgδ		3	10^{-4}	1 V / 1 kHz
Euivalent serie resistance	ESR		≤ 6.3	mΩ	10 kHz
Stray inductance	ESL		≤ 60	nH	
Insulation resistance between terminals	Ri		> 4545	MΩ	500 VDC - 1 min
Test voltage between terminals	U T1		2600	VDC	10 s
Operating temp.			- 25 / + 70 °C		
Estimated operational life (-3%)			150'000	h	Un DC - 70°C
Dimension	**Symbol**			**Unit**	**Conditions**
Diameter	D		45	mm	
Height	H		83		
Thread			M6 x 13	mm	
Thread to case			M6 x 9	mm	
	M1				
	M0				
	Modification	Date	Visa émetteur		

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