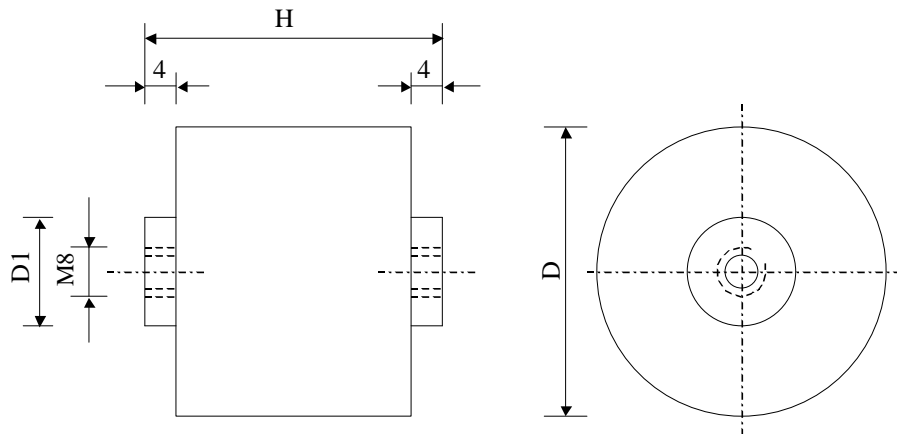


#5934

Protection capacitors

PPM 250-075 dv J



Dielectric of metallized polypropylene - Plastic sleeve

Polyurethane resin end sealing - Threaded outputs

Parameter	Symbol		Value	Unit	Condition
Capacitance	C		0.75	$\mu\text{F}$	1 V / 1 kHz
Tolerance			$\pm 5$	%	
Rated voltage	$U_n \text{ DC}$		2500	VDC	
Peak voltage	$U_{\text{peak}}$		3200	V	
Surge voltage	$U_s$		4500	V	
Rated voltage	$U_n \text{ RMS}$		1200	$V_{\text{eff}}$	
RMS Current max	$I_{\text{eff}}$		21	A	
Impulse current	$I_t$		10.4	$\text{A}^2\text{s}$	non. repetitive
Tangent delta dielectric	$\text{tg}\delta_o$		2	$10^{-4}$	1 to 100 kHz
Series resistance	RS		$\leq 2.5$	$\text{m}\Omega$	
Stray inductance	ESL		15	nH	
Thermal resistance	$R_{\text{th}}$		5.3	$^{\circ}\text{C}/\text{W}$	Hot spot - terminals
Insulation resistance	$R_i \times C$		$> 30'000$	s	500 VDC - 1 min
Test voltage between terminals	$U_{T1}$		4500	VDC	10 s
Test voltage terminals to case	$U_{T2}$		4000	VAC	50 Hz / 1 min
Climatic category (IEC68)			40/85/56		
Estimated operational life (-3%)			200'000	h	$U_n \text{ DC} - 70^{\circ}\text{C}$

Dimension	Symbol		Unit	Conditions
Diameter	$\varnothing D \text{ max}$		66	mm
Height	H		$63 \pm 0.5$	mm
Terminals				
Thread			M8 x 8	mm
	D1		19	mm
	M1			
	M0			
	Modification	Date	Visa émetteur	

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