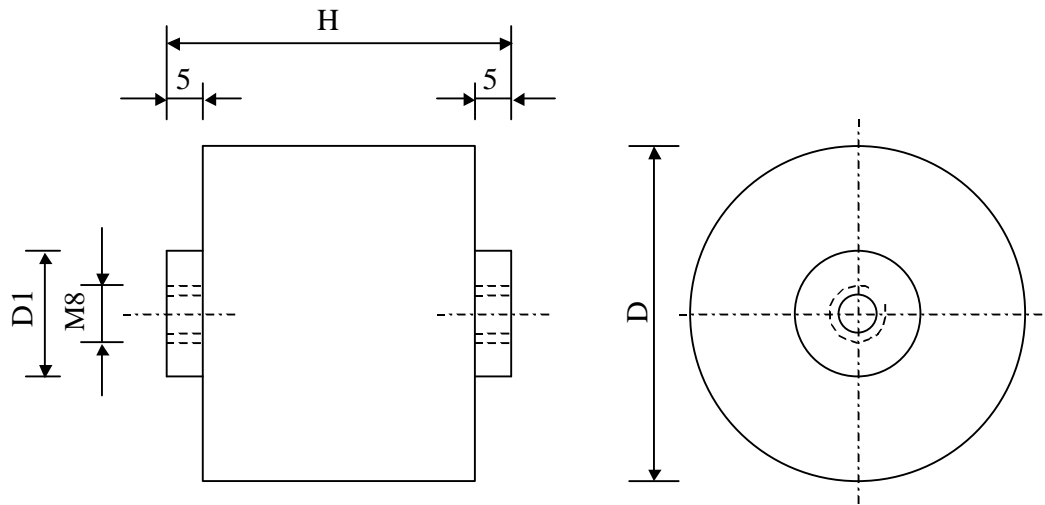


#5504

Protection capacitors

PPM 300-1.25 μ v J

Dielectric of metallized polypropylene - Plastic tube

Polyurethane resin end sealing - Threaded outputs

Parameter	Symbol		Value	Unit	Condition
Capacitance	C		1.25	μ F	1 V / 1 kHz
Tolerance			± 5	%	
Rated voltage	Un DC		3000	VDC	
Peak voltage	U peak		4000	V	
Surge voltage	U s		4600	V	
Rated voltage	Un RMS		1400	Veff	
RMS Current max	Ieff		65	A	
Impulse current	I ² t		50	A ² s	non. repetitive
Tangent delta dielectric	tg δ _o		2	10 ⁻⁴	1 to 100 kHz
Series resistance	RS		≤ 1.0	m Ω	
Stray inductance	ESL		15	nH	
Thermal resistance	Rth		3.3	$^{\circ}$ C/W	Hot spot - terminals
Insulation resistance	Ri x C		> 30'000	s	500 VDC - 1 min
Test voltage between terminals	U T1		4600	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	Un DC - 70 $^{\circ}$ C
Dimension	Symbol			Unit	Conditions
Diameter	\varnothing D		92	mm	
Height	H		62.5 \pm 1.0	mm	
Terminals					
Thread			M8 x 8	mm	
	D1		22	mm	
	M1	08.12.2008	HJJ		
	M0				
	Modification	Date	Visa émetteur		

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Le Janché
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A FRODENER & FRODENER COMPANY

HJJ

22.08.2005

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