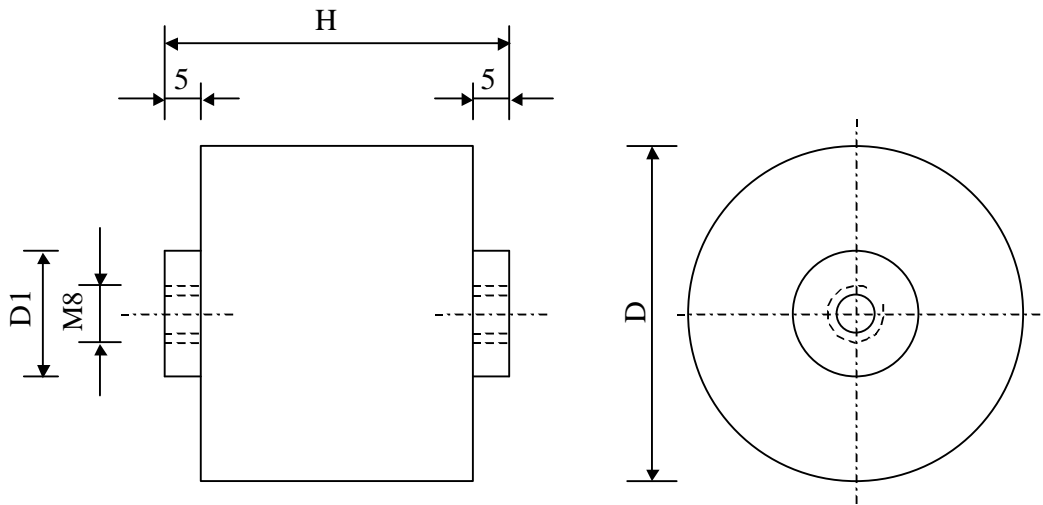


#5504

Protection capacitors

PPM 300-1.25  $\mu$ v J

Dielectric of metallized polypropylene - Plastic tube

Polyurethane resin end sealing - Threaded outputs

Parameter	Symbol		Value	Unit	Condition
Capacitance	C		1.25	$\mu$ F	1 V / 1 kHz
Tolerance			$\pm 5$	%	
Rated voltage	$U_n$ DC		3000	VDC	
Peak voltage	$U_{peak}$		4000	V	
Surge voltage	$U_s$		4600	V	
Rated voltage	$U_n$ RMS		1400	$V_{eff}$	
RMS Current max	$I_{eff}$		65	A	
Impulse current	$I^2t$		50	$A^2s$	non. repetitive
Tangent delta dielectric	$tg\delta_o$		2	$10^{-4}$	1 to 100 kHz
Series resistance	RS		$\leq 1.0$	m $\Omega$	
Stray inductance	ESL		15	nH	
Thermal resistance	Rth		3.3	$^{\circ}C/W$	Hot spot - terminals
Insulation resistance	$R_i \times C$		$> 30'000$	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	$U_n$ DC - 70 $^{\circ}$ C

Dimension	Symbol		Value	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		

Condensateurs CH 1400 Yverdon-les-Bains  
 Kondensatoren Tel.: ++41 24 445 66 88  
 Capacitors Fax: ++41 24 445 66 89

**Le Janché**  
**Capacitors**  
A FRODNER & PASCHKE COMPANY

HJJ

22.08.2005

faisab5504.XLS