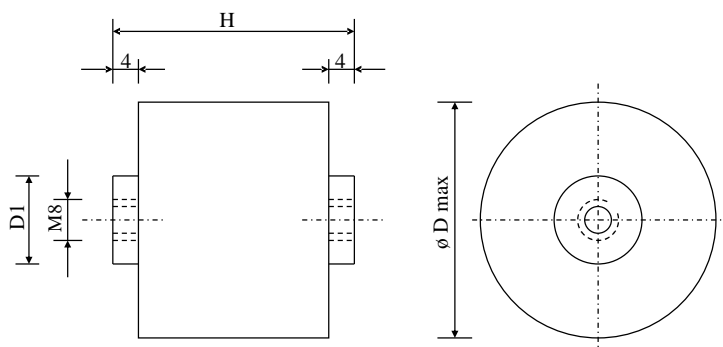


#6321

Protection capacitors

PPM 110-1.0 dv K



Dielectric of metallized polypropylene - Plastic sleeve

Polyurethane resin end sealing - Threaded outputs

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	1	$\mu\text{F}$	1 V / 1 kHz
Tolerance		$\pm 10$	%	
Rated voltage	Un DC	1100	VDC	
Peak voltage	U peak	1600	V	
Surge voltage	U s	2500	V	
Rated voltage	Un RMS	500	Veff	
RMS Current max	Ieff	15	A	
Impulse current	I $\Delta$ t	0.7	A $^2$ s	non. repetitive
Tangente delta dielectric	tg $\delta$ $\omega$	2	$10^{-4}$	1 to 100 kHz
Serie resistance	RS	$\leq 2.8$	m $\Omega$	
Stray inductance	ESL	10	nH	
Thermal resistance	Rth	11	$^{\circ}\text{C}/\text{W}$	Hot spot - terminals
Insulation resistance	Ri x C	$> 30'000$	s	500 VDC - 1 min
Test voltage between terminals	U T1	2200	VDC	10 s
Test voltage terminals to case	U T2	3000	VAC	50 Hz / 1 min
Climatic category (IEC68)		40/85/56		
Estimated operational life (-3%)		200'000	h	1000 V - 70 $^{\circ}\text{C}$

Dimension	Symbol	Value	Unit	Conditions
Diameter	$\varnothing$ D max	44	mm	
Height	H	$52 \pm 0.7$	mm	
Terminals				
Thread		M8 x 8	mm	
	D1	18	mm	
	M1			
	M0			
Modification	Date	Visa émetteur		

Condensateurs CH 1400 Yverdon-les-Bains  
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**Leclanché**  
**Capacitors**  
A FISCHER & TAUUSCH COMPANY

HJJ

16.07.2014

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