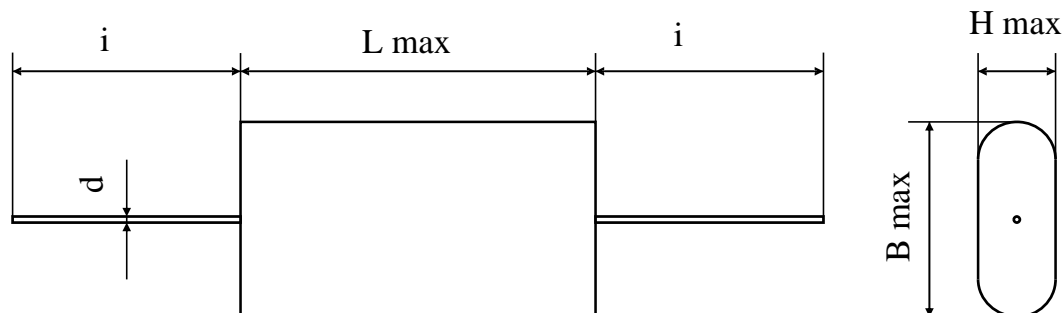


#6301

HIGH VOLTAGE METALLIZED CAPACITORS

PPM 300-010 df K



Dielectric of metallized polypropylene  
 Polyester wrapped UL-510  
 Epoxy resin sealing

Parameter	Symbol		Value	Unit	Condition
Capacitance	C		100	nF	1 V / 1 kHz
Tolerance			± 10	%	
Rated voltage	Un DC		3000	VDC	85°C
Rated voltage	Un AC		500	Veff	50-60 Hz
slope of voltage variation	du/dt max.		1'800	V/µsec	max. repetitive
RMS current permanent	I RMS max.		9.3	Aeff	100 kHz / 70°C
Tangent delta	tgδ		< 4	10 <sup>-4</sup>	1 V / 1 kHz
Equivalent serie resistance	ESR		< 13.0	mΩ	1 V / 100 kHz
Stray inductance	ESL		≤ 20	nH	
Insulation resista	Ri		>100000	MΩ	500 VDC - 1 min
Test voltage between terminals	U T1		4800	VDC	10 s
Operating temp.			-55 / + 105 °C		
Estimated operational life (-3%)			100000	h	1600 V / 70°C
Dimension	Symbol			Unit	Conditions
Width	B max		26.5	mm	
Height	H max		17.1	mm	
Length	L max		46	mm	
Terminals					
Axial tinned wire	d		∅ 1.2	mm	
	i		> 41	mm	
	M1				
	M0				
	Modification	Date	Visa émetteur		

Condensateurs CH 1400 Yverdon, Switzerland  
 Kondensatoren Tel.: ++41 24 445 66 88  
 Capacitors Fax: ++41 24 445 66 89

**Leclanché**  
**Capacitors**  
A FINECHER & FABRICATIONS COMPANY

HJJ

www.Lcap.ch  
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capinfo@Lcap.ch  
 faisab6301.XLS