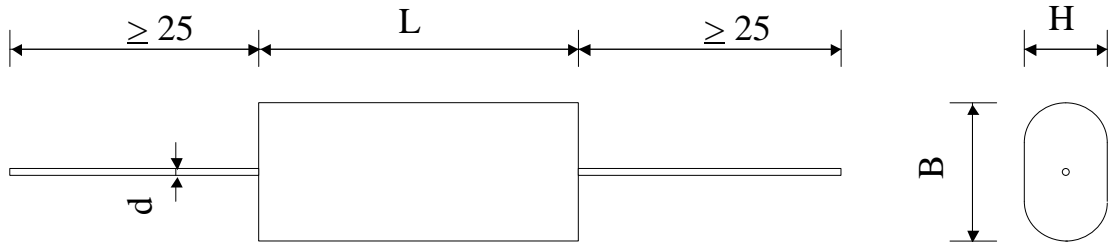


#5906

METALLIZED POLYESTER CAPACITORS

MKT 5-4.7 df K



Dielectric metallized polyester  
Epoxy resin end sealing UL 94-V0

Polyester wrapped UL 510

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	4.7	$\mu\text{F}$	1 V / 1 kHz
Tolerance		$\pm 10$	%	
Rated voltage	Un DC	50	VDC	
slope of voltage variation	du/dt max.	13	V/ $\mu\text{sec}$	max. repetitive
Repetitive surge current	I cr. max	61	A	
RMS Current permanent	I <sub>eff</sub> max.	2.7	A <sub>eff</sub>	100 kHz
Tangent delta	tg $\delta$	$\leq 90$	$10^{-4}$	1 V / 1 kHz
Equivalent serie resistance	ESR	$\leq 19$	m $\Omega$	100 kHz
Stray inductance	ESL	$\leq 25$	nH	
Insulation resistance	Ri	$\geq 600$	M $\Omega$	50 VDC - 1 min
Test voltage between terminals	U T1	80	VDC	10 s
Operating temperature		- 20 / + 100	$^{\circ}\text{C}$	

Dimension	Symbol	Value	Unit	Conditions
Width	B max	14	mm	
Height	H max	10	mm	
Length	L max	31	mm	
Terminals				
Axial tinned wire	d	$\varnothing 0.8$	mm	
	M1			
	M0			
	Modification	Date	Visa émetteur	

Condensateurs CH 1400 Yverdon-les-Bains  
Kondensatoren Tel.: ++41 24 447 22 82  
Capacitors Fax: ++41 24 447 22 85

**Le Lanché**  
**Capacitors**  
A FISCHER & TAGSCHER COMPANY

HJJ

04.03.2010

faisab5906.XLS