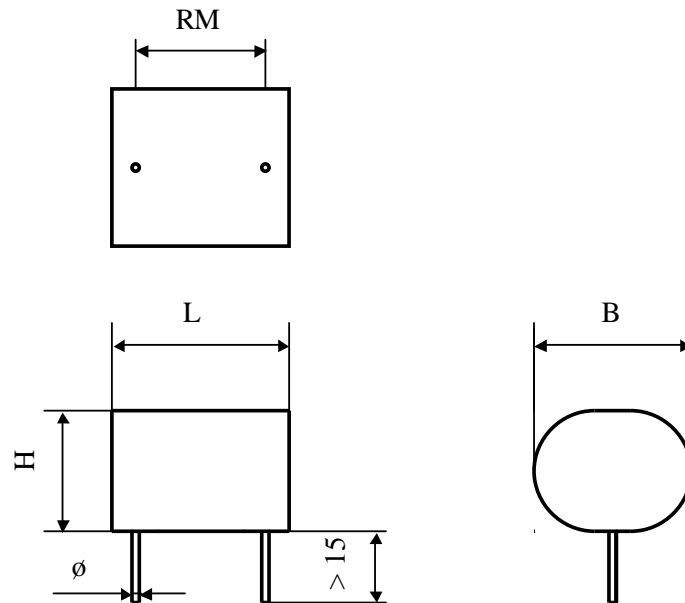


#5825

Power Electronics Capacitors

MKT 4-47.0 a K



Dielectric : metallized polyester  
Polyester wrapped UL 510

Epoxy resin sealing UL 94-V0

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	47	$\mu\text{F}$	1 V / 1 kHz
Tolerance		$\pm 10$	%	
Rated voltage	Ur	40	VDC	100°C
Rated voltage	Un AC	15	Veff	50 Hz
RMS current	I RMS max.	8.2	Aeff	100 kHz / 100°C
Tangent delta	tg $\delta$	$\leq 90$	$10^{-4}$	1 kHz
Equivalent serie resistance	ESR	$\leq 6.3$	m $\Omega$	10 kHz
Stray inductance	ESL	$\leq 13$	nH	
Insulation resistance	Ri	$> 27$	M $\Omega$	40 VDC - 1 min
Test voltage between terminals	U T1	64	VDC	10 s
Climatic category		55/105/21		
Dimension	Symbol	Value	Unit	Conditions
Width	B max	16.5	mm	
Height	H max	11.5	mm	
Length	L max	20	mm	
Terminals				
Radial tinned wire	$\phi$	1	mm	
RM		$16.5 \pm 0.5$	mm	
	M1			
	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 lancé**  
**Capacitors**  
A FISCHER & TALENTE COMPANY

HJJ

29.05.2009

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