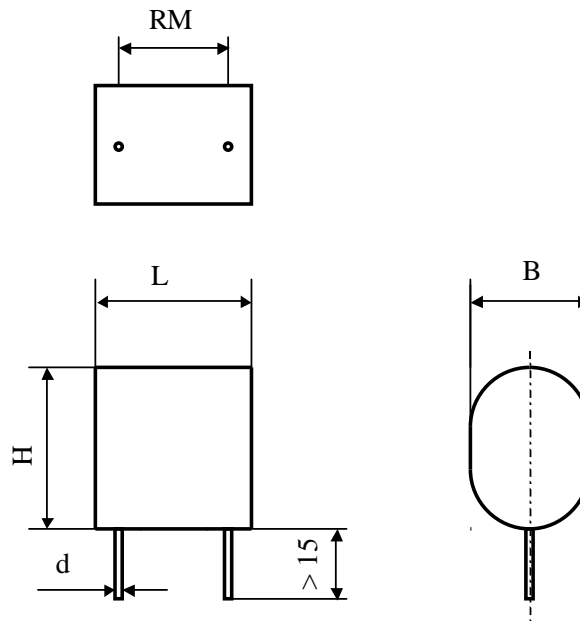


#5825

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	μF	1 V / 1 kHz
Tolerance			± 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	$\text{tg}\delta$		≤ 90	10^{-4}	1 kHz
Equivalent serie resistance	ESR		≤ 6.3	$\text{m}\Omega$	10 kHz
Stray inductance	ESL		≤ 13	nH	
Insulation resistance	Ri		> 27	$\text{M}\Omega$	40 VDC - 1 min
Test voltage between terminals	U T1		64	VDC	10 s
Climatic category			55/105/21		
Dimension	Symbol			Unit	Conditions
Width	B max		11.5	mm	
Height	H max		16.5	mm	
Length	L max		20	mm	
Terminals					
Radial tinned wire	d		1	mm	
RM			16.5 ± 0.5	mm	
	M1				
	M0	03.06.2009	HJJ		
	Modification	Date	Visa émetteur		

Condensateurs CH 1400 Yverdon-les-Bains
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Le lancé
Capacitors
A FISCHER & TALENTE COMPANY

HJJ

29.05.2009

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