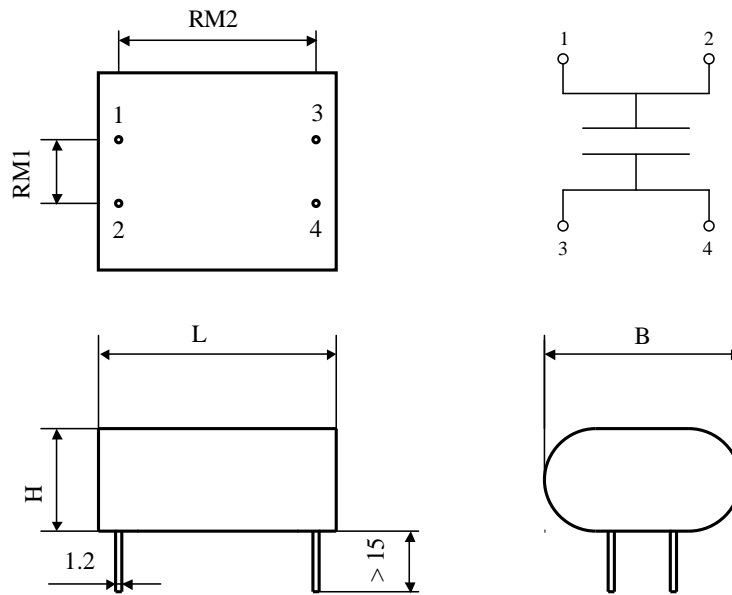


#5854

Power Electronics Capacitors

MKT-4 7-110.0 a K



Dielectric metallized polyester
Epoxy resin end sealing UL 94-V0

Polyester wrapped UL 510

Parameter	Symbol		Value	Unit	Condition
Capacitance	C		110	μF	1 V / 1 kHz
Tolerance			± 10	%	
Rated voltage	U_r		75	VDC	100°C
Rated voltage	$U_n \text{ AC}$		15	Veff	50 Hz
RMS current	I RMS max.		14	Aeff	10 kHz to 100 kHz
Tangent delta	$\text{tg}\delta$		≤ 100	10^{-4}	1 kHz
Serie resistance	R_s		≤ 1.5	m Ω	10 kHz
Stray inductance	ESL		≤ 15	nH	
Insulation resistance	R_i		> 91	M Ω	50 VDC - 1 min
Test voltage between terminals	U T1		115	VDC	10 s
Operating temperature			- 55 / + 125 °C		
Dimension	Symbol			Unit	Conditions
Width	B max		30.5	mm	
Height	H max		21	mm	
Length	L max		37	mm	
Terminals					
Radial tinned wire	\emptyset		1.2	mm	
RM1			12.7 ± 1.0	mm	
RM2			32.5 ± 1.0	mm	
Mass approx.	m		28	g	
	M1				
	M0				
	Modification	Date	Visa émetteur		

Condensateurs CH 1400 Yverdon-les-Bains
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Le lanché
Capacitors
A FISCHER & TAUSSCHKE COMPANY

HJJ

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