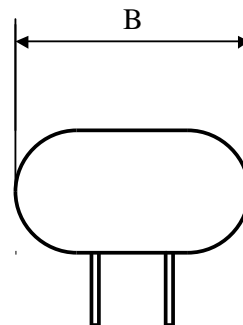
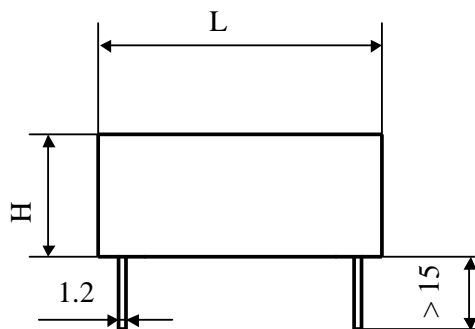
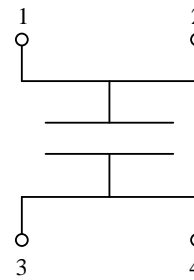
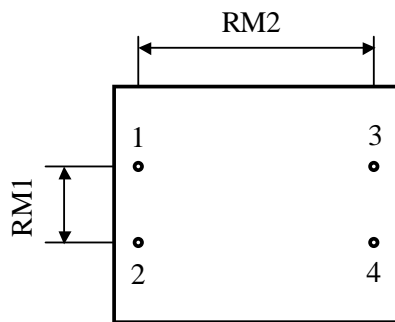


#5798

Power Electronics Capacitors

MKT-4 25-47.0 a K



Dielectric metallized polyester / Polyester wrapped / Epoxy resin sealing

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	47	μF	1 V / 1 kHz
Tolerance		± 10	%	
Rated voltage	U_r	250	VDC	100°C
Rated voltage	$U_n \text{ AC}$	70	V_{eff}	50 Hz
RMS current	I RMS max.	25	A_{eff}	100 kHz / 100°C
Tangente delta	$\text{tg}\delta$	≤ 100	10^{-4}	1 kHz
Equivalent serie resistance	ESR	≤ 3.7	$\text{m}\Omega$	100 kHz
Stray inductance	ESL	≤ 15	nH	
Insulation resistance	R_i	> 215	$\text{M}\Omega$	100 VDC - 1 min
Test voltage between terminals	U T1	400	VDC	10 s
Operating temperature		- 55 / + 125 °C		
Dimension	Symbol		Unit	Conditions
Width	B max	38	mm	
Height	H max	22	mm	
Length	L max	45	mm	
Terminals				
Radial tinned wire	\emptyset	1.2	mm	
RM1		12.7 ± 1.0	mm	
RM2		40.64 ± 1.0	mm	
	M1			
	M0			
	Modification	Date	Visa émetteur	

Condensateurs
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Le lanché
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