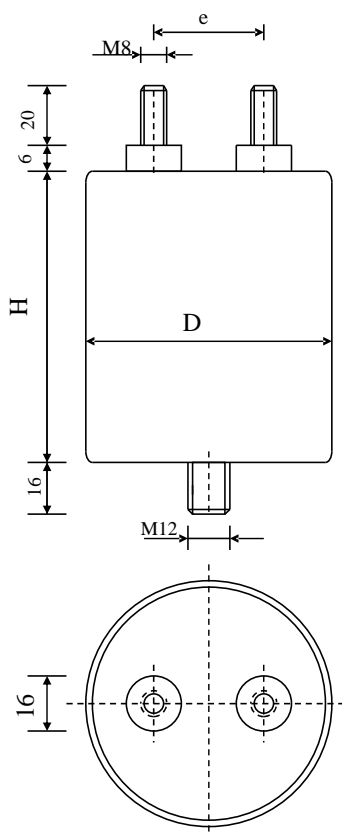


#6330

METALLIZED POLYESTER CAPACITORS

MKT 6-1500.0 cv5 K



Dielectric of metallized polyester

Threaded outputs

Resin end sealing

Aluminium case

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	1500	μF	1 V / 1 kHz
Tolerance		± 10	%	
Rated voltage	$U_n \text{ DC}$	63	VDC	
RMS Current permanent	$I_{\text{eff max.}}$	35	A _{eff}	10 kHz
Repetitive surge current	$I_{\text{cr. max}}$	3000	A	
Tangent delta	$\text{tg}\delta$	≤ 170	10^{-4}	1 V / 1 kHz
Equivalent serie resistance	ESR	1.3	$\text{m}\Omega$	1 V / 10 kHz
Stray inductance	ESL	≤ 60	nH	
Insulation resistance	$R_i \times C$	$\geq 5'000$	s	63 VDC - 1 min
Test voltage between terminals	U T1	100	VDC	10 s
Test voltage terminals to case	U T2	1500	VAC	50 Hz / 1 min
Operating temperature		-40 / + 75	$^{\circ}\text{C}$	
Estimated operational life (-3 %)		> 200'000	h	63 V / 70 $^{\circ}\text{C}$
Dimension	Symbol		Unit	Conditions
Diameter	D	85	mm	
Height	H	80	mm	
Terminals				
Thread		M8 x 20	mm	
Thread spacing	e	32 ± 0.5	mm	
Fixing stud		M12 x 16	mm	
Mass approx.	m		kg	
	M1			
	M0			
	Modification	Date	Visa émetteur	

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Lecranché
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