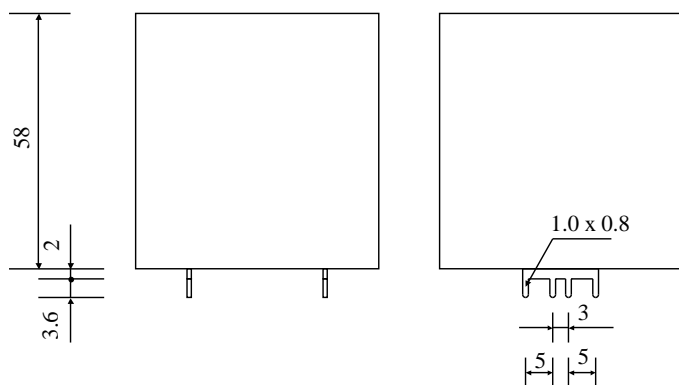
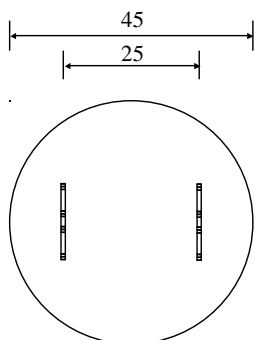


#5732

Power Electronics Capacitors

MKT 100-15.0 ci5 K



Dielectric of metallized polyester

Resin end sealing

Aluminium case

Terminals for connection to Printed Circuit Board

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	15	μF	1 V / 1 kHz
Tolerance		± 10	%	
Rated voltage	Un DC	1000	VDC	115 °C
RMS current	I RMS max.	3	Aeff	20 kHz
slope of voltage variation	du/dt max.	20	V/ μsec	max. repetitive
Repetitive surge current	I cr. max	300	A	
Tangent delta	tg δ	≤ 80	10^{-4}	1 kHz
Equivalent serie resistance	ESR	< 26	m Ω	10 kHz
Stray inductance	ESL	< 70	nH	
Insulation resistance	Ri	> 600	M Ω	100 VDC - 1 min
Test voltage between terminals	U T1	2000	VDC	10 s
Operating temperature		- 40 / + 115 °C		
Estimated operational life (-5 %)		4'000	h	1000 VDC / 115 °C

Dimension	Symbol	Value	Unit	Conditions
Diameter		45	mm	
Height		58	mm	
Terminals				
Tinned-copper	(8 x)	1.2 x 0.9	mm	
	M1			
	M0			
	Modification	Date	Visa émetteur	

Condensateurs
Kondensatoren
Capacitors

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Le lanché
Capacitors
A FISCHER & TROSCHE COMPANY

HJJ

20.06.2008

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