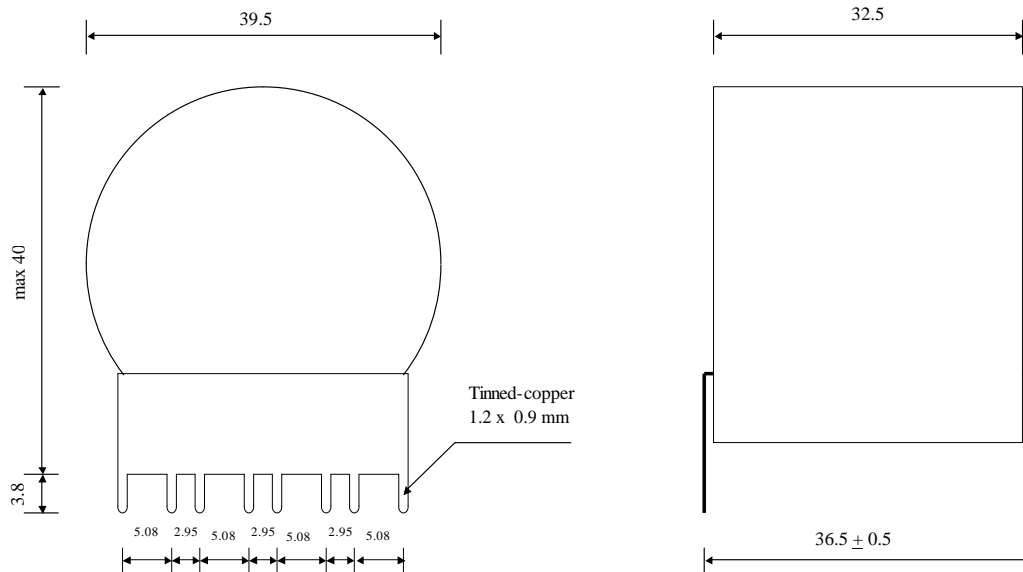


#5727

Power Electronics Capacitors

MKTCI 8-100.0 K



Dielectric of metallized polyester

Polyester wrapped / Epoxy resin sealing

Terminals for connection to Printed Circuit Board

Parameter	Symbol		Value	Unit	Condition
Capacitance	C		100	μF	1 V / 1 kHz
Tolerance			± 10	%	
Rated voltage	Un DC		80	VDC	100°C
RMS current	I RMS max.		15	Aeff	40 kHz ... 50 kHz
slope of voltage variation	du/dt max.		10	V/ μsec	max. repetitive
Repetitive surge current	I cr. max		1000	A	
Tangent delta	tg δ		≤ 70	10^{-4}	1 kHz
Equivalent serie resistance	ESR		≤ 4	m Ω	10 kHz
Stray inductance	ESL		≤ 10	nH	
Insulation resistance	Ri		> 100	M Ω	10 VDC - 1 min
Test voltage between terminals	U T1		160	VDC	10 s
Operating temperature			- 55 / + 125 °C		
Dimension	Symbol			Unit	Conditions
Diameter			39.5	mm	
Height			40	mm	
Length			32.5	mm	
Terminals					
Tinned brass	(8 x)		1.2 x 0.9	mm	
	M1				
	M0	01.04.2010	HJJ		
	Modification	Date	Visa émetteur		

Condensateurs CH 1400 Yverdon-les-Bains
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Le lanché
Capacitors
A FINDER & TROSCHE COMPANY

HJJ

02.06.2008

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