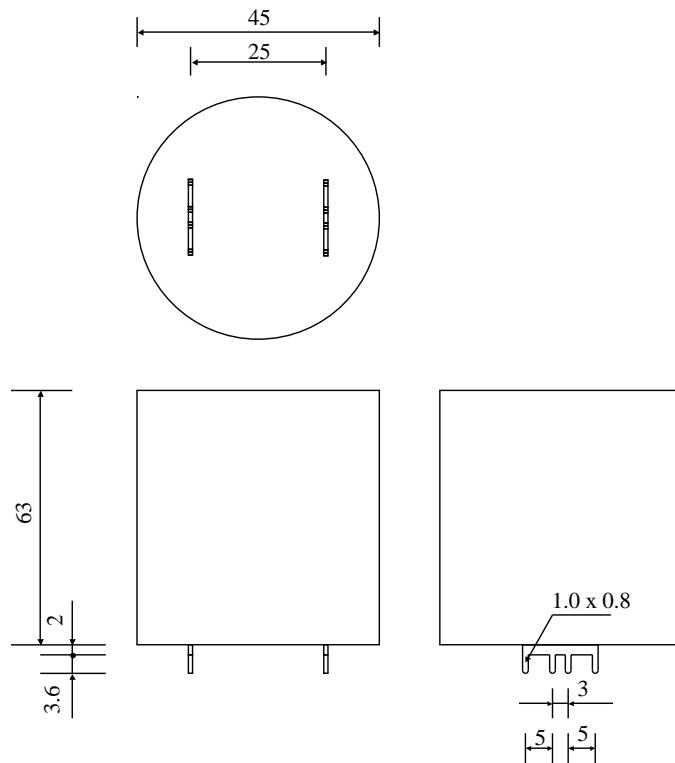


#5730

Power Electronics Capacitors

MKS 40-15.0 ci5 K



Dielectric of metallized polyphenylene sulfide

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		400	VDC	115°C
RMS current	I RMS max.		14	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		≤ 15	10^{-4}	1 kHz
Equivalent serie resistance	ESR		≤ 7	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		1000	VDC	10 s
Operating temperature			- 40 / + 115 °C		
Dimension	Symbol			Unit	Conditions
Diameter			45	mm	
Height			63	mm	
Terminals					
Tinned-copper	(8 x)		1.2 x 0.9	mm	
	M1				
	M0	21.01.2009	HJJ		
	Modification	Date	Visa émetteur		

Condensateurs CH 1400 Yverdon-les-Bains
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Le lanché
Capacitors
A FRIGER & TASCHE COMPANY

HJJ

16.06.2008

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