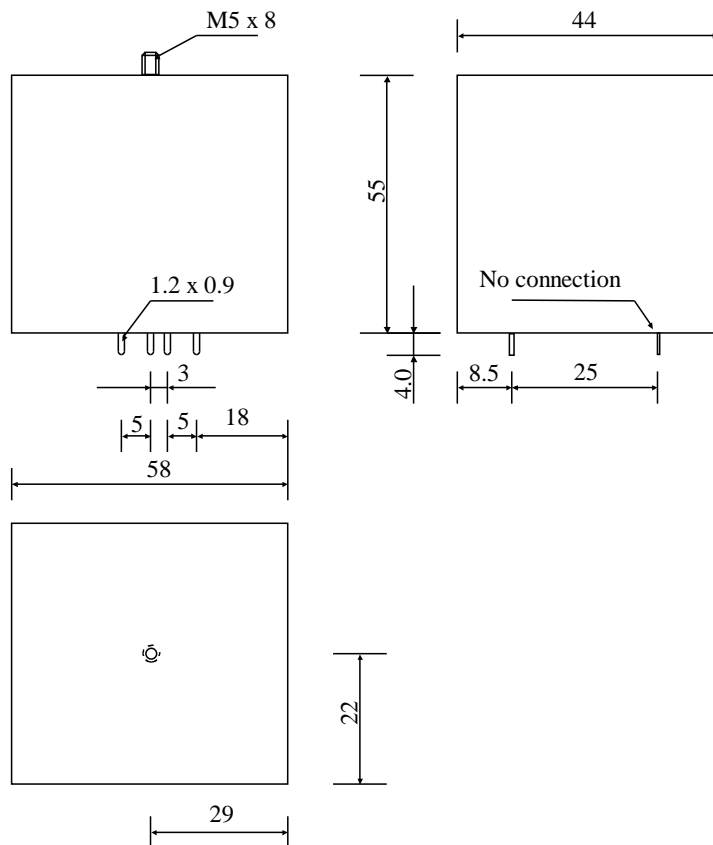


#5830

Power Electronics Capacitors

MKS 40-15.0 ru K

Preliminary

Dielectric of metallized
polyphenylene sulfide

Resin end sealing

Plastic case

Terminals

1 x Screw M5 x 8 mm
1 x 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.		25	Aeff	20 kHz / 115 °C
slope of voltage variation	du/dt max.		30	V/ μ sec	max. repetitive
Repetitive surge current	I cr. max		450	A	
Tangent delta	tg δ		≤ 15	10^{-4}	1 kHz / 23°C
Equivalent serie resistance	ESR		≤ 4	m Ω	10 kHz / 23°C
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
Width	B		44 \pm 1	mm	
Height	H		55 \pm 1	mm	
Length	L		58 + 1	mm	
Terminals					
Screw	1 x		M5 x 8	mm	
Tinned-copper	(4 x)		1.2 x 0.9	mm	
	M1				
	M0				
	Modification	Date	Visa émetteur		

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Le lanché
Capacitors
A YFONNIN & FAUSCHÉ COMPANY

HJJ

06.07.2009

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