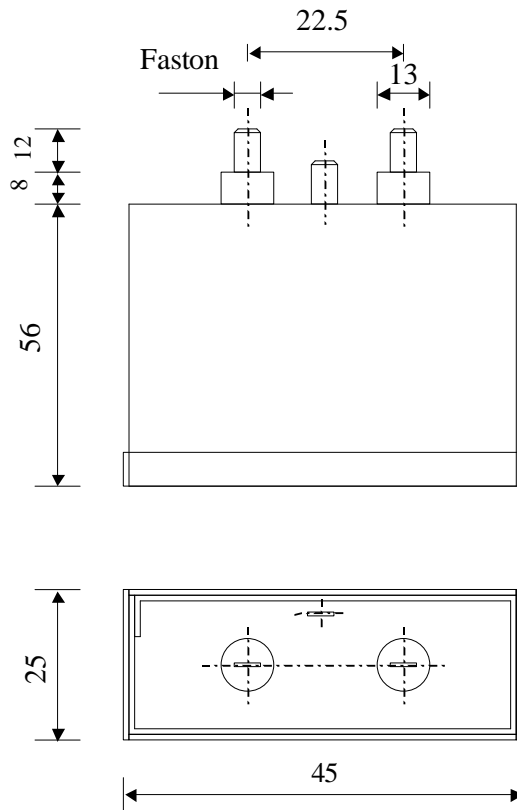


#5973

Metallized polypropylene capacitors

PPM 100-047 r K

Preliminary



Dielectric of metallized polypropylene

FASTON outputs

Resin end sealing

Aluminium case
thick 1.2 mm

Parameter	Symbol		Value	Unit	Condition
Capacitance	C		0.47	μF	1 V / 1 kHz
Tolerance			± 10	%	
Rated voltage	Un DC		1'000	VDC	
Rated voltage	Un AC		400	Veff	50 / 100 Hz
RMS Current	Ieff max			Aeff	10 kHz
slope of voltage variation	du/dt max.			V/ μsec	max. repetitive
Repetitive surge current	I cr. max			A	
Tangent delta	tg δ			10^{-4}	1 V / 1 kHz
Stray inductance	ESL		\leq	nH	
Insulation resistance	Ri x C		$> 20'000$	s	500 VDC - 1 min
Test voltage between terminals	U T1		2'500	VDC	10 s
Test voltage between terminals to case	U T2		2'500	VDC	10 s.
Operating temp.			- 25 / + 85 °C		
Estimated operational life (-3%)			200'000	h	Un DC / 70°C
Dimension	Symbol			Unit	Conditions
Width	B		25	mm	
Length	L		45	mm	
Height	H		56	mm	
Terminals FASTON			6.3 x 0.8	mm	
Raster			22.5	mm	
	M1				
	M0				
	Modification	Date	Visa émetteur		

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