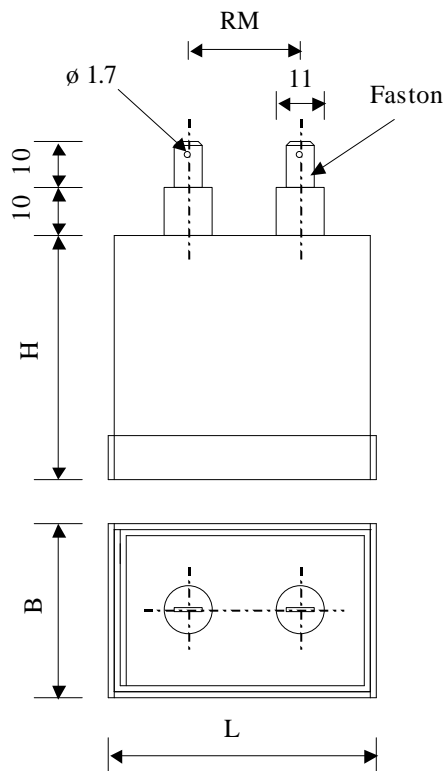


#6096

Metallized polypropylene capacitors

PPM 300-047 r K



Dielectric of metallized polypropylene

FASTON outputs

Resin end sealing

Aluminium case thick 1.0 mm

Parameter	Symbol		Value	Unit	Condition
Capacitance	C		0.47	μF	1 V / 1 kHz
Tolerance			± 10	%	
Rated voltage	Un DC		3'000	VDC	
Rated voltage	Un AC		1000	Veff	50 to 100 Hz
Partial discharges (NQA 2.5 %)	PD	1400 VAC / 50 Hz	≤ 100	pC	30 s.
RMS Current	I _{eff} max		6	A _{eff}	10 kHz to 100 kHz
slope of voltage variation	du/dt max.		500	V/ μsec	max. repetitive
Repetitive surge current	I cr. max		235	A	
Tangent delta	tg δ		≤ 8	1C ⁴	1 V / 1 kHz
Tangent delta	tg δ		≤ 15	1C ⁴	1 V / 10 kHz
Stray inductance	ESL		≤ 100	nH	
Insulation resistance	Ri		$> 20'000$	M Ω	500 VDC - 1 min
Test voltage between terminals	U T1		4'800	VDC	10 s
Test voltage between terminals to case	U T2		4'800	VDC	1 min
Operating temp.			- 30 / + 85 °C		
Estimated operational life (-3%)			100'000	h	Un DC / 70°C
Dimension	Symbol			Unit	Conditions
Width	B		30	mm	
Length	L		60	mm	
Height	H		56	mm	
Terminals FASTON			6.3 x 0.8	mm	
Raster	RM		30 \pm 0.5	mm	
	M1				
	M0				
	Modification	Date	Visa émetteur		

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Leclanché
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 23.04.2012

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