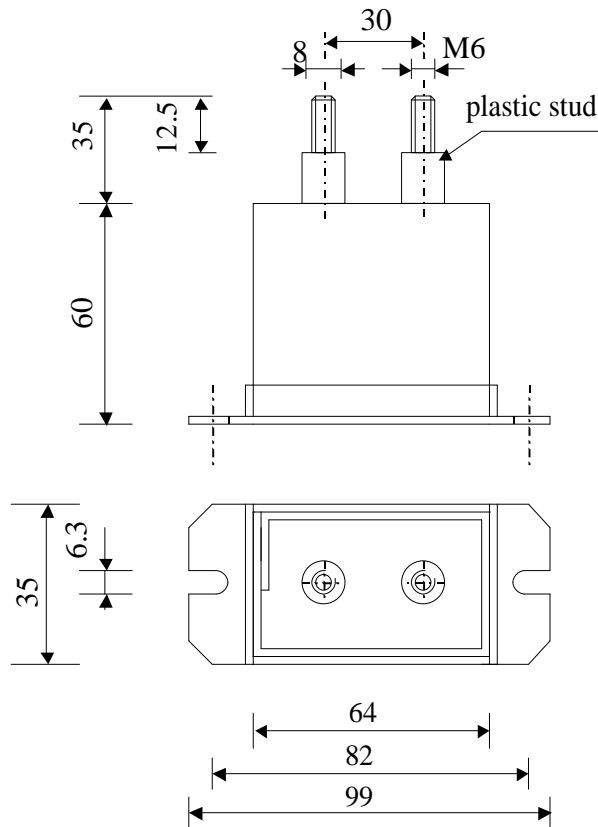


#6125

Metallized polypropylene capacitors

PPMHT 500-010 r K

Replacement for GTD 500-010



Dielectric of metallized polypropylene

Threaded outputs

Resin end sealing

Aluminium case
thick 1.2 mm

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	0.1	μF	1 V / 1 kHz
Tolerance		± 10	%	
Rated voltage	Un DC	5'000	VDC	
Rated voltage	Un AC	1500	Veff	50 to 100 Hz
RMS Current	I _{eff max}	3	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	50	A	
Tangent delta	tg δ	≤ 5	1C^4	1 V / 1 kHz
Tangent delta	tg δ	≤ 14	1C^4	1 V / 10 kHz
Stray inductance	ESL	≤ 100	nH	
Insulation resistance	Ri	> 50'000	M Ω	500 VDC - 1 min
Test voltage between terminals	U T1	12'000	VDC	10 s
Test voltage between terminals to case	U T2	13'000	VDC	10 s.
Operating temp.		- 30 / + 70 °C		
Estimated operational life (-3%)		100'000	h	Un DC / 70°C

Dimension	Symbol	Value	Unit	Conditions
Width	B	38	mm	
Length	L	64	mm	
Height	H	60	mm	
Terminals		M6 x 17.5	mm	
Raster	RM	30 \pm 0.5	mm	

	M1			
	M0			
	Modification	Date	Visa émetteur	

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Leclanché
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