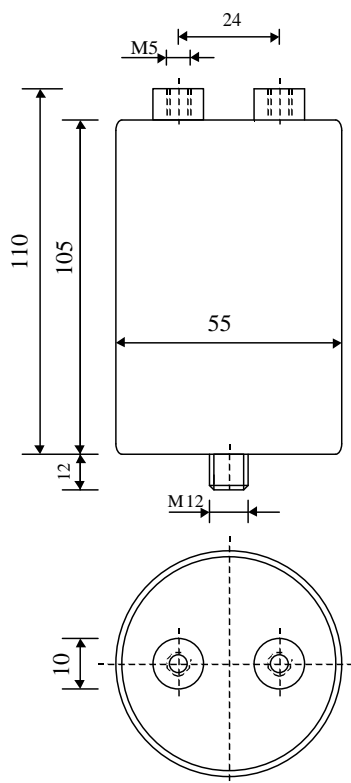


5344

Power Electronics Capacitor

TYPE
PAM 150-1.0Aluminium Case $\varnothing 55 \times 105$

2 inserts M5 x 10

Resin Epoxy sealant

Parameter	Symbol	Value	Unit	Condition
Capacity	C	1	μF	20°C, 1 kHz
Tolerance		± 10	%	
Rated Voltage	UnAC	1500	VAC	50 Hz
Max RMS	I eff	20	A eff	f > 2.1 kHz
Max Repetitive Peak	I cr.	700	A	
Tangent delta	tg	$\leq 3 \text{ E-}4$		1 V - 50 Hz
Serial Resistance	ESR	≤ 7.5	m Ω	1 V - 10 kHz
Time Constant	Ri x C	$\geq 10'000$	s	500 V - 1 min
Serial Inductance	ESL	≤ 220	nH	
Climatic Category		25/70/56		
Test Voltage between terminals	Ut 1	5000	VDC	10 s
Test Voltage between terminals and case	Ut 2	3000	VAC	50 Hz - 1 min
Stability in time - 30'000 hours	C/C	≤ 3	%	Un / 50 Hz / 70°C

Dimension	Symbol	Value	Unit	Condition
Diameter	D	55	mm	
Total Length	H	105	mm	
Connections				
Inserts		M5 x 10	mm	
Pitch		24	mm	
	M2			
	M1			
	M0			
	Modification	Date	Author	

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