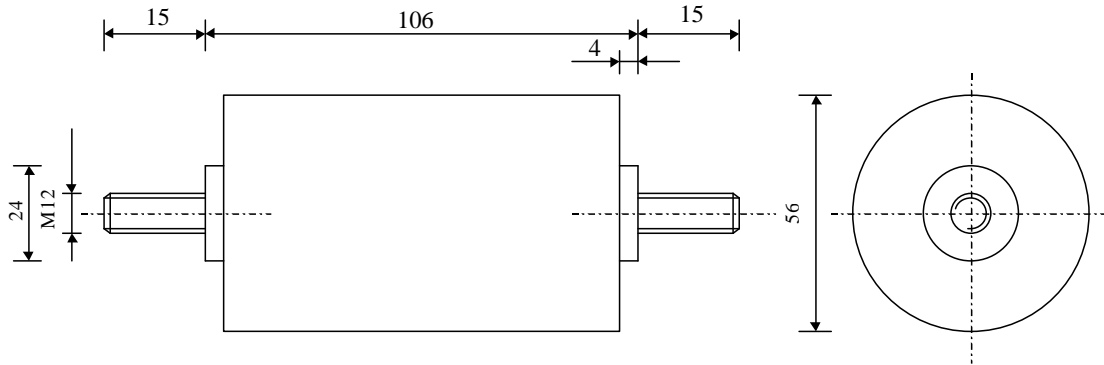


#	Capacitor for power electronics	TYPE PAM 155-1.1
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Dielectric of metallized polypropylene

Plastic sleeve - Threaded outputs

Epoxy resin end sealing

Parameter	Symbol	Value	Unit	Condition
Capacitance	C	1.1	μF	20°C, 1 kHz
Tolerance		10	%	
Rated	Un AC	1550	VAC	
Rated	Un DC	2500	VDC	
RMS current max	I	28	A	f > 2613 Hz
Slope of voltage	du/dt ^{max}	820	V/μs	max. repetitive
Repetitive surge	I cr. max	902	A eff	max. repetitive
Power loss	tg δ	≤ 3 E-4		1 V / 10 kHz / 25 °C
Equivalent serie	ESR	≤ 6.0	mΩ	10 kHz
Stray	ESL	≤ 70	nH	
Insulation	Ri x C	> 10'000	s	500 VDC - 1 min
Test voltage between	UT1	5000	VDC	10 s.
Climatic		25/70/56		
Estimated operational life (-3 %)		30'000	h	Un AC / 70°C

Dimension	Symbol	Value	Unit	Condition
Diameter	D	56	mm	
Height	H	106	mm	
Terminals				
Thread		M12 x 15	mm	
	M2			
	M1			
	M0			
	Modification	Date	Author	