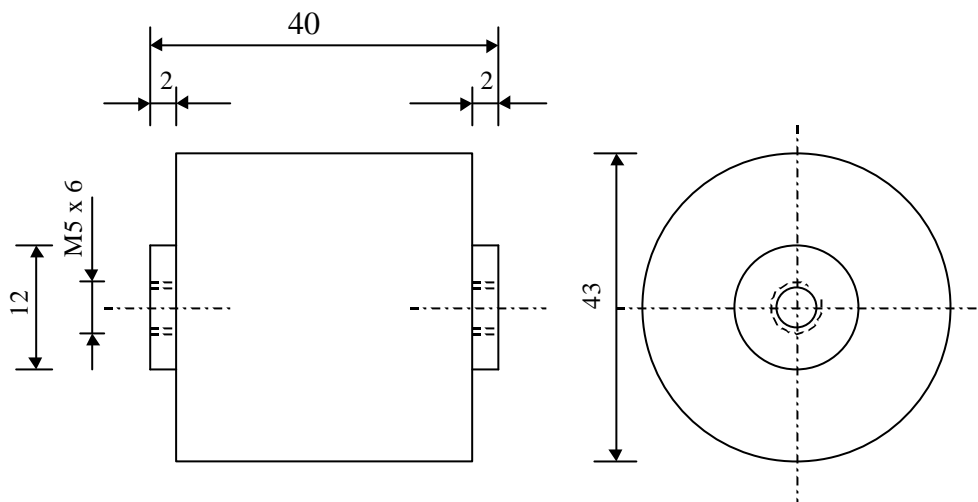


# 3665	Metallized Polypropylene Capacitor	TYPE PPM 70-2.5 dv III
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Polyester exterior wrap
 Connections: 2 inserts M5 x 6 mm
 Resin epoxy end-seal

Application:
 GTO elimination
 Mid-range frequency filtering

Parameter	Symbol	Values	Unit	Conditions
Capacitance	C	2.5	μF	20°C, 1 kHz
Tolerance		± 10	%	
Rated Voltage	Un DC	700	VDC	
	Un AC	400	VAC	
Tangent delta	$\text{tg}\delta$	$< 3 \text{ E-4}$		1 V - 1 kHz
Equivalent serial resistance	ESR	≤ 2.5	$\text{m}\Omega$	1 V - 10 kHz
Time Constant $R_i \times C$		$\geq 5'000$	s	
Max RMS	I rms max	20	A rms	10 -100 kHz
Slope of Voltage Variation	du/dt max	500	V/ μs	
Test Voltage	UT 1	1400	VDC	10 s
Operating Temperature		-40 / + 85°C		
Estimated Lifecycle		100'000	h.	Un DC - 70°C

Dimension	Symbol	Values	Unit	Conditions
Max diameter	D	43	mm	
Length	L	40	mm	
Connections	Inserts	M5 x 6	mm	

	M2			
	M1			
	M0	06.05.02	289/JJH	
	Modification	Date	Author	

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