

AC - Filter Film Capacitors

MPAPM Series

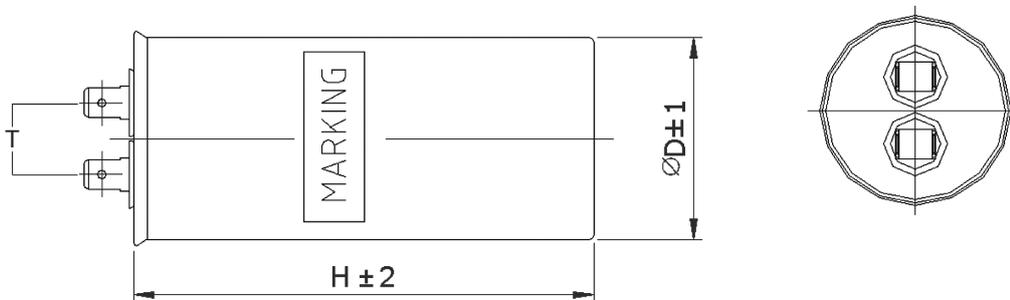
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Specifications



Reference Standard	: IEC61071
Rated Voltage	: 300V AC, 400V AC and 500V AC
Rated Frequency	: 50/60Hz
Rated Capacity	: 200 μ F 100Hz @ +25°C
Capacitive Rating Deviation	: \pm 5% (J) @ 100Hz @ + 25°C
Temperature Range	: -25°C to +70°C
Dissipation Factor (DF)	: tg δ \leq 0.0018 @ 100Hz @ +25°C
Insulation Resistance (IR)	: Typical values (Ris \times C) : \geq 5000S Temperature: +25°C @ 1 min & The test voltage: 100V DC
Dielectric Strength (Ut-t)	: 1.75Un Continuous 5S
Electrode and Shell Voltage Strength (U-c)	: 3000V DC/60Sec @ +25°C 50/60Hz
Life Expectancy	: 60000 Hrs at Un and θ_{hs} <50°C
Dielectric Material	: Metallized Polypropylene film construction
Leads to Electrical Extremes	: Terminal 2-M6 \times 20 screw, with M8 nut (M6 \leq 4N.m) for MPAPM3A0200J0 250# (2+2) Quick Insert for MPAPM5A0A50J0 and MPAPM4A0A50J0
Outer Protective Surface/Enclosure	: Round aluminium housing with rod M12 \times 16 (M12 \leq 10N.m)

Dimensions

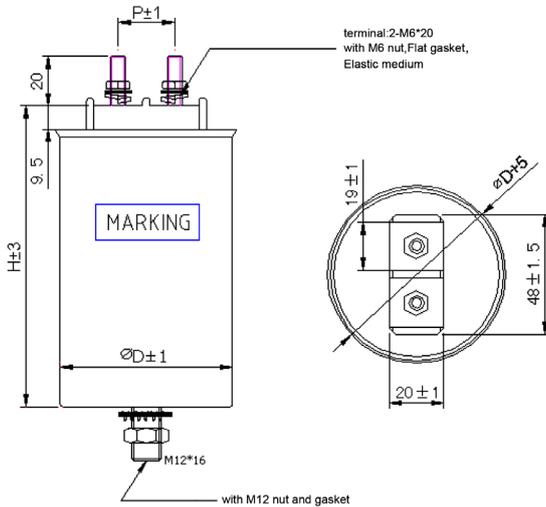


Part Number	Cap. μ F	Φ D mm	H mm	T mm	dv/dt V/us	Irms @25°C A
Un 400V AC						
MPAPM4A0A50J0	50	60	130	20	20	15
Un 500V AC						
MPAPM5A0A50J0	50	55	130	20	15	10

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Dimensions



Part Number	Cap. μF	ΦD mm	H mm	P mm	dv/dt V/us	I _{rms} @25°C A
Un 300V AC						
MPAPM3A0200J0	200	76	240	25	15	32

Part Number Table

Description	Part Number
AC Filter Film Capacitor, 50uF, 400V AC, $\pm 5\%$, Quick Connect	MPAPM4A0A50J0
AC Filter Film Capacitor, 50uF, 500V AC, $\pm 5\%$, Quick Connect	MPAPM5A0A50J0
AC Filter Film Capacitor, 200uF, 300V AC, $\pm 5\%$, Stud	MPAPM3A0200J0

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