

ADVANCE CAPACITORS FOR HIGH-END AUDIO APPLICATIONS

MKP-5 series

Advance Metallised Polypropylene Film capacitors (MKP-5 series) have excellent characteristics and are best suited for high quality Audiophile products such as power amplifiers and loudspeaker crossovers

General Specifications:

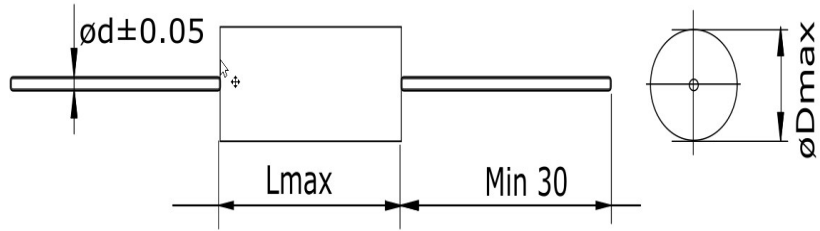
- ♦ Polypropylene as dielectric, low loss
- ♦ Dry type / partially oil impregnated
- ♦ Red/Blue/Yellow/White colour Polyester tape
- ♦ End filled with thermosetting resin
- ♦ Non-inductive, Non-polar
- ♦ Self-healing
- ♦ Tinned Copper wire terminals
- ♦ As per IEC 60384-16 standard

Technical Specifications:

Capacitance Range	: 0.1 μ F to 330 μ F		
Voltage Rating	: 250Vdc, 400Vdc & 630Vdc		
Tolerance	: $\pm 1\%$, $\pm 2\%$, $\pm 5\%$, $\pm 10\%$		
Temperature range	: -55°C to $+100^{\circ}\text{C}$		
Test Voltage (10s)	: 1.6 times the rated DC voltage		
Dissipation factor (tan δ)	:	0.0005 for $C \leq 5\mu\text{F}$	0.0010 for $C \leq 10\mu\text{F}$
	:	0.0020 for $C \leq 100\mu\text{F}$	0.0040 for $C \leq 200\mu\text{F}$
	:	0.0050 for $C \leq 300\mu\text{F}$	



Dimensions in mm (not to scale):



250VDC		
Value, C	D	L
1.0 μ F	15	28
1.5 μ F	13	33
2.2 μ F	15	33
3.3 μ F	17	33
4.7 μ F	21	33
5.6 μ F	19	45
6.8 μ F	21	45
8.2 μ F	23	45
10 μ F	25	45
20 μ F	36	45
30 μ F	37	60
50 μ F	47	60
80 μ F	58	60
100 μ F	65	60

400Vdc		
Value, C	D	L
1.0 μ F	12	34
1.5 μ F	15	34
2.2 μ F	18	34
3.3 μ F	22	34
4.7 μ F	24	34
5.6 μ F	27	34
6.8 μ F	30	34
8.2 μ F	30	46
10 μ F	32	46
20 μ F	43	46
30 μ F	45	60
50 μ F	55	60
80 μ F	55	85
100 μ F	63	85

630Vdc		
Value, C	D	L
1.0 μ F	17	34
1.5 μ F	20	34
2.2 μ F	24	34
3.3 μ F	28	34
4.7 μ F	33	34
5.6 μ F	36	34
6.8 μ F	35	45
8.2 μ F	38	45
10 μ F	42	45
12 μ F	44	45
15 μ F	49	45
20 μ F	48	60
33 μ F	60	60
47 μ F	70	60

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