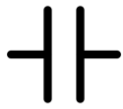


NETZOCAP MKP - Metallized Polypropylene Film capacitors for high-end audio applications

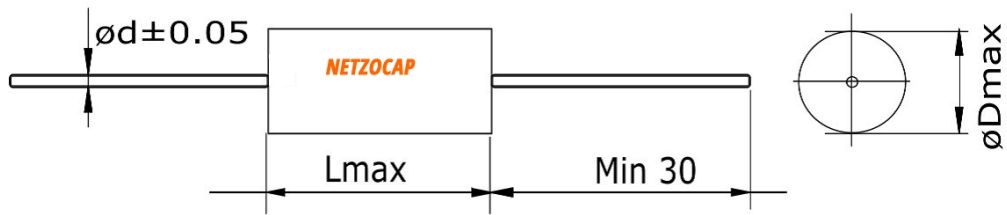
General Specifications: <ul style="list-style-type: none">◆ MKP5-series◆ Polypropylene as dielectric◆ Low loss factor◆ Low ESR◆ Non inductive◆ Non polar◆ Dry type / partially oil impregnated◆ Self-healing◆ Resistant to aging◆ High stability◆ Negative ppm◆ High Insulation Resistance◆ Good High Frequency Stability◆ White color Polyester tape◆ Tinned Copper wire terminals◆ End filled with thermosetting resin◆ As per IEC 60384-16 standard	Applications: <ul style="list-style-type: none">◆ In Audio Signal Path◆ LC Filters/Crossover Filters◆ Smoothing Capacitor in power electronics◆ Snubber Circuits◆ EMI Suppression◆ Measuring Instruments◆ Telephone Systems◆ High Frequency Applications◆ Requiring Precision Capacitors◆ Timing Circuits◆ Sample & Hold Circuits
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Technical Specifications:

- ◆ Capacitance Range : 1 μ F to 22 μ F axial design
- ◆ Voltage Rating : 250VDC
- ◆ Tolerance : \pm 5% (J)
- ◆ Temperature range : -55 $^{\circ}$ C to +100 $^{\circ}$ C
- ◆ Climatic Category: 55/100/56
- ◆ Test Voltage (10s) : 1.6 times the rated DC voltage
- ◆ Dissipation factor (tan δ) : 0.0005 for C \leq 5 μ F 0.0010 for C \leq 10 μ F
0.0020 for C \leq 100 μ F
- ◆ Insulation Resistance : 30000 M Ω * μ F, at 100 VDC 60000 M Ω max.
- ◆ Pulse Rise Time: 5 to 25 V/microsecond
- ◆ Soldering : 5 seconds at 250 $^{\circ}$ C
- ◆ Stability: < 0,5% over 2 Years
- ◆ RoHS compliant



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$d = 0,8 \text{ mm}$

Dimensions in mm (not to scale)

Value μF	D	L	Part no.
1 μF	15	28	NC-MKP5-1
1,5 μF	13	33	NC-MKP5-1.5
2,2 μF	15	33	NC-MKP5-2.2
3,3 μF	17	33	NC-MKP5-3.3
4,7 μF	21	33	NC-MKP5-4.7
5,6 μF	19	45	NC-MKP5-5.6
6,8 μF	21	45	NC-MKP5-6.8
8,2 μF	23	45	NC-MKP5-8.2
10 μF	25	45	NC-MKP5-10
12 μF	27	45	NC-MKP5-12
22 μF	36	45	NC-MKP5-22

