SELECTRONIC
Kondensatoren

PME/RC
MKP-CAPACITORS
Plastic film – metallised – self-healing

The PME/RC elements are the perfect combination to extend the lifetime of contacts and to suppress ignition noise. Modern technology knows since a long time the application of CAPACITOR and resistor in series as one of the most efficient means for the extension of the lifetime of the contacts.

The PME/RC-elements consist of a capacitor made of polypropylene plastic film in series with a resistor. Both elements are built in the same housing and are sealed with epoxy resin. Thereby, the smallest construction can be reached. The absolutely precise grid dimension guarantees a definite assembly in printed circuit. The connections are consisting of double tin-coated copper wires which can easily be handled with, even in the soldering bath.

The PME/RC series is characterised by a wide spectrum of capacitance and resistance values whereby they can be used in a large application range.

TECHNICAL SPECIFICATION

Dielectric:	polypropylene
Coatings:	zinc metallised
Casing:	plastic housing, synthetic resin sealing
Application class:	HPF according to DIN 40040
Temperature range:	-25° C to +85° C
Insulating values:	approx. 20.000 sec. (M$\Omega*\mu$F)
	Measured with 100 V at +20° C after 1 min.

Loss factor tanδ: 1 kHz   10 kHz
$< 1 \cdot 10^{-3}$ $< 5 \cdot 10^{-3}$

Tolerance:	± 5 %, ± 10 %, ± 20 %
R - Toleranz	± 5 %, ± 10%
Impulse loading:	≤ 1 µF - 100 V/µs; > 1 µF - 50 V/µs;
Connections:	tin-plated copper wires/stranded wire/insulated wire

During pulse load the surface temperature of the RC-combination shall not exceed 85 °C

U$_N$	160 V AC 250 V DC		250 V AC 630 V DC	
Cap. µF	Resistor Ω	Dimensions: BxHxL (mm)	Resistor Ω	Dimensions: BxHxL (mm)
0,1			22 - 470	8 x 16 x 25,5
0,25			22 - 470	10 x 18 x 25,5
0,5	22 - 680	8 x 16 x 25,5	22 - 220	11,5 x 19,8 x 31
0,75	22 - 330	10 x 18 x 25,5		
1,0	22 - 220	11,5 x 19,8 x 31		

GREATER CAPACITANCE VAUES AND EACH INTERMEDIATE VALUE AVAILABLE!