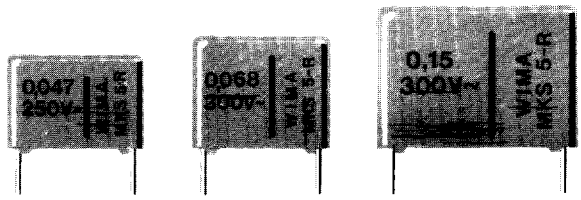
WIMA MKS 5-R

Radio interference suppression capacitors of polyester dielectric

Self-healing metallized capacitors, internally series connected

- **Plastic film radio interference suppression capacitors for the class X3**
- **Solely to be used in series with a consumer or a resistor, or as across-the-line capacitor in supervised operation**
- **Available taped and reeled** (up to and including case size 15x26x31.5/PCM 27.5)



Technical Data

Dielectric: Polyethylene terephthalate film.
Capacitor electrodes: Vacuum-deposited aluminium.
Encapsulation: Flame retardent plastic case, UL 94 V-O, with epoxy resin seal. Colour: Red.
Class of application: GPF in accordance with DIN 40 040.
Temperature range: −40° C to +85° C.
Test category: 40/085/21 in accordance with IEC.

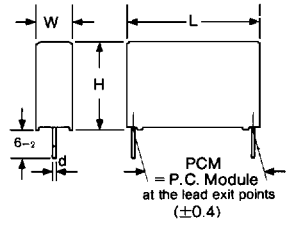
Insulation resistance at +20° C:
C ⩽ 0.33 µF: ⩾ 1.5×10^4 megohms
(mean value: 1×10^5 megohms)
C > 0.33 µF: ⩾ 5000 sec (megohms × µF)
(mean value: 40 000 sec)
Measuring voltage: 100 V/1 min.
Dissipation factor: tan δ ⩽ 8×10^{-3} at 1 kHz and +20° C.
Capacitance tolerances: ±20 %, ±10 %.
Maximum pulse rise time: 100 V/microsecond.
Test voltage: 990 VDC, 2 sec at 230 VAC
1075 VDC, 2 sec at 250 VAC
1290 VDC, 2 sec at 300 VAC

Graphs see page 5.

Type WIMA MKS 4-R (class X2) in accordance with our 1989 catalogue still available on demand

General Data

Capac-itance	230 VAC* W	H	L	PCM**	250 VAC* W	H	L	PCM**	300 VAC* W	H	L	PCM**
0.01 µF					4	9.5	13	10	5	11	18	15
0.015 "	4	9	13	10	5	11	13	10	5	11	18	15
0.022 "	4	9.5	13	10	5	11	18	15	6	12.5	18	15
0.033 "	5	11	13	10	5	11	18	15	6	12.5	18	15
0.047 "	5	11	18	15	6	12.5	18	15	7	14	18	15
0.068 "	6	12.5	18	15	7	14	18	15	8	15	18	15
0.1 µF	6	12.5	18	15	8	15	18	15	9	16	18	15
0.15 "	8	15	18	15	7	16.5	26.5	22.5	8.5	18.5	26.5	22.5
0.22 "	7	16.5	26.5	22.5	8.5	18.5	26.5	22.5	11	21	26.5	22.5
0.33 "	8.5	18.5	26.5	22.5	10.5	19	26.5	22.5	11	21	31.5	27.5
0.47 "	10.5	19	26.5	22.5	11	21	31.5	27.5	13	24	31.5	27.5
0.68 "	11	21	31.5	27.5	13	24	31.5	27.5	15	26	31.5	27.5
1.0 µF	13	24	31.5	27.5	15	26	31.5	27.5	17	34.5	31.5	27.5
1.5 "	17	34.5	31.5	27.5	17	29	41.5	37.5	19	32	41.5	37.5
2.2 "	19	32	41.5	37.5	19	32	41.5	37.5	24	45.5	41.5	37.5



d = 0.7 ⌀ if PCM 10
d = 0.8 ⌀ if PCM 15...27.5
d = 1.0 ⌀ if PCM 27.5 >15×26×31.5 and PCM 37.5

Dims. in mm

* f = 50 Hz
** PCM = Printed circuit module = lead spacing

Taped version see page 10.