



查询"1055612420"供应商

Radio interference suppression capacitors in accordance with VDE 0565-1, class Y

Order Code 107-429 to 107-431

Farnell
Technical
Data
Service

Resin impregnated, metallized paper capacitors, self-healing

- Particularly high reliability against active and passive flammability

Technical Data

Dielectric: Paper, epoxy resin impregnated

Capacitor electrodes: Vacuum-deposited

Encapsulation: Metal foil and epoxy resin

Class of application: GPC in accordance with DIN 40 040

Temperature range: -40°C to +85°C

Tests: In accordance with VDE 0565, part 1

Test category: 40/085/21 in accordance with IEC

Insulation resistance at +20 °C

$\geq 12 \times 10^3$ megohms

In accordance with VDE 0565, part 1

Measuring voltage 100 V/1 min

Dissipation factor: $\tan \delta \leq 13 \times 10^{-3}$

at 1 kHz and +20 °C

Capacitance tolerance: $\pm 20\%$

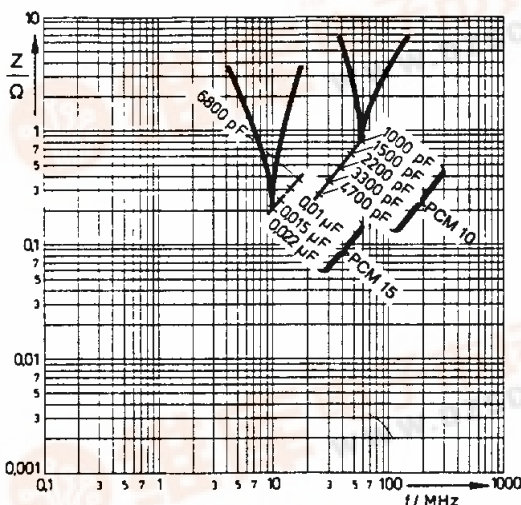
Maximum pulse rise time:

Capacitance pF/ μ F	Pulse rise time V/ μ sec max operation
1000	1000
2200 .. 4700	450

in accordance with VDE 0565, part 1

Test voltage: 2700 VDC, 2 sec

German Federal Patent No 1764852



Impedance change with frequency (general guide)



General Data

250 VAC*				
Capacitance	W	H	L	PCM**
1000 pF	4	8.5	13.5	10
2200 ..	4	8.5	13.5	10
4700 ..	5	10	13.5	10

* f = 50 Hz

** PCM = Printed circuit module = lead spacing

Longer leads 16-1 mm on request

Dims. in mm

$d = 0.7 \phi$ if PCM 10
 $d = 0.8 \phi$ if PCM 15

See also special print „WIMA Metallized Paper – New Products“, issue 4/1989, showing our full range of R I Suppression Capacitors of Metallized Paper

* VDE-approved, further safety marks under preparation

Rights reserved to amend design data without prior notification



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Typical graphs of the dielectrics used and their essential characteristics

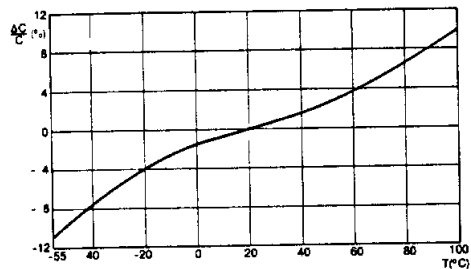
Capacitor Paper

For radio interference suppression capacitors

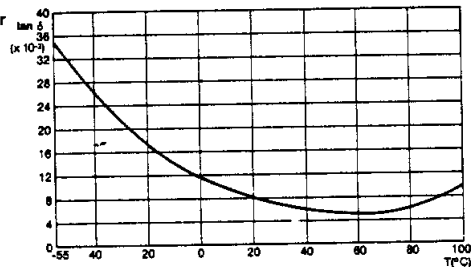
Metallized paper capacitors

WIMA MP 3-Y

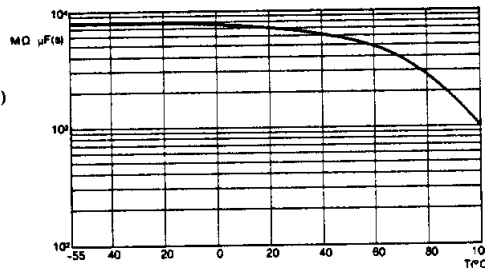
Capacitance change with temperature
(f = 1 kHz)
(general guide)



Dissipation factor change with temperature
(f = 1 kHz)
(general guide)



Insulation resistance change with temperature
(general guide)



Dissipation factor change with frequency
(general guide)

