

Interference Suppression Film Capacitors, MKP Radial Potted Type



KEY BENEFITS

- Increase in rated voltage to 310 V AC
- Capacitance values: 1 nF to 4.7 μ F
- Lead pitch range: 7.5 mm to 27.5 mm

APPLICATIONS

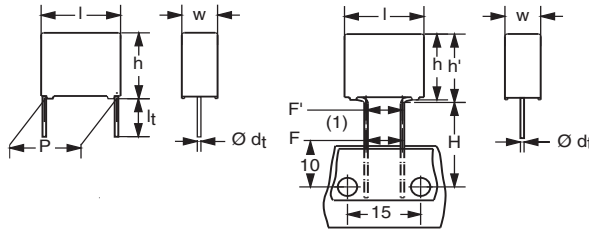
- Power supplies
- Electronic ballasts
- EMI filters
- CRT and LCD monitors
- White goods

RESOURCES

- Datasheet: <http://www.vishay.com/doc?28138>
- Radial film capacitor portfolio: <http://www.vishay.com/capacitors/film/leaded-radial>
- Technical questions: contact_rfi@vishay.com
- Sales contacts: <http://www.vishay.com/doc?99914>



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Dimensions in mm

 (1) $|F - F'| < 0.3 \text{ mm}$
 $F = 7.5 \text{ mm} + 0.6 \text{ mm} / - 0.1 \text{ mm}$

APPLICATIONS

 For standard across the line X2 applications.
 See also application note:

www.vishay.com/docs/28153/anaccaps.pdf

REFERENCE STANDARDS

"IEC 60384-14 ed-3 and EN 60384-14"

"IEC 60065, pass. flamm. class B"

CSA-C22.2 No. 1; UL1414

CSA-E384-14; UL1283; CQC

MARKING

C-value; tolerance; rated voltage; sub-class; manufacturer's type designation; code for dielectric material, manufacturer location; manufacturer's logo; year and week; safety approvals

DIELECTRIC

Polypropylene film

ELECTRODES

Metallized film

CONSTRUCTION

Mono construction


 View complete datasheet: <http://www.vishay.com/doc?28138>

FEATURES

- 7.5 mm to 27.5 mm lead pitch. Supplied loose in box, taped on ammpack or reel
- Compliant to RoHS Directive 2002/95/EC

RATED VOLTAGE

AC 310 V; 50 Hz to 60 Hz

PERMISSIBLE DC VOLTAGE

 800 V_{DC} at 85 °C

 630 V_{DC} at 110 °C

ENCAPSULATION

Plastic case, epoxy resin sealed, flame retardant UL-class 94 V-0

CLIMATIC TESTING CLASS ACC. TO IEC 60068-1

55/110/56/B

CAPACITANCE RANGE (E12 SERIES)

E12 series 0.001 μF to 4.7 μF

Preferred values acc. to E6

CAPACITANCE TOLERANCE

 $\pm 20 \%$; $\pm 10 \%$; $\pm 5 \%$

LEADS

Tinned wire

MAXIMUM APPLICATION TEMPERATURE

 $C \leq 470 \text{ nF}$: 110 °C (125 °C for less than 1000 h)

 $C > 470 \text{ nF}$: 110 °C

DETAIL SPECIFICATION

For more detailed data and test requirements contact:

RFI@vishay.com
