



FILM CAPACITORS

MKP 339 X2



Interference Suppression Film Capacitors, MKP Radial Potted Type

FEATURES

- 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

Datasheet is available on our web site at www.vishay.com
for MKP 339 X2 - <http://www.vishay.com/doc?28138>



Interference Suppression Film Capacitors MKP Radial Potted Type

APPLICATIONS

For standard across the line X2 applications. See also application note: www.vishay.com/docs/28153/anaccaps.pdf

REFERENCE STANDARDS

“IEC 60384-14 ed3 and EN60384-14”
“IEC 60065, pass. flamm. class B”
CSA; UL; ENEC; CQC

FEATURES

7.5 to 27.5 mm lead pitch.
Supplied loose in box,
taped on ammpack or reel
Lead (Pb)-free product
RoHS-compliant product
RATED VOLTAGE
AC 310 V; 50 to 60 Hz

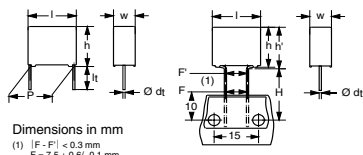
CLIMATIC TESTING CLASS
according to IEC 60068-1
55/110/56/B

CAPACITANCE TOLERANCE
±20 %; ± 10 %; ± 5 %

LEADS
Tinned wire

PERMISSIBLE DC VOLTAGE
DC 630 V

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



RoHS
COMPLIANT

339 - 310 Vac Dimension over view						
Cap	Tol (1)	Box dimensions b x h x l mm				
Pitch		7.5 mm	10 mm	15 mm	22.5 mm	27.5 mm
1 nF	M/K/J	4.0 x 9.0 x 10.0	4.0 x 10.0 x 12.5	5.0 x 11.0 x 17.5		
1.5 nF	M/K/J					
2.2 nF	M/K/J					
3.3 nF	M/K/J					
4.7 nF	M/K/J					
6.8 nF	M/K/J					
10 nF	M/K/J					
15 nF	M/K/J					
22 nF	M/K/J					
33 nF	M					
33 nF	K/J	5.0 x 10.5 x 10.0				
47 nF	M/K					
47 nF	J	6.0 x 11.5 x 10.0	5.0 x 11.0 x 12.5			
68 nF	M					
68 nF	K/J		6.0 x 12.0 x 12.5			
100 nF	M/K					
100 nF	J			6.0 x 12.0 x 17.5		
150 nF	M/K/J					
220 nF	M/K			7.0 x 13.5 x 17.5	6.0 x 15.5 x 26.0	
220 nF	J					
330 nF	M/K			8.5 x 15.0 x 17.5		
330 nF	J					
470 nF	M/K			10.0 x 16.5 x 17.5	7.0 x 16.5 x 26.0	
470 nF	J					
680 nF	M			11.0 x 18.5 x 17.8	8.5 x 18.0 x 26.0	9.0 x 19.0 x 31.0
680 nF	K/J					
1 µF	M				10.0 x 19.5 x 26.0	
1 µF	K/J					
1.5 µF	M/K/J				12.3 x 22.3 x 2 6.3	13.0 x 23.0 x 31.0
2.2 µF	M/K					
2.2 µF	J					18.0 x 28.0 x 31.0
3.3 µF	M					
3.3 µF	K/J					
4.7 µF	M					

(1) Tolerance: M: ±20 %; K: ±10 %; J: ±5 %

DISCLAIMER All product specifications and data are subject to change without notice. Vishay Intertechnology, Inc., its affiliates, agents, and employees, and all persons acting on its or their behalf (collectively, "Vishay"), disclaim any and all liability for any errors, inaccuracies or incompleteness contained herein or in any other disclosure relating to any product. Vishay disclaims any and all liability arising out of the use or application of any product described herein or of any information provided herein to the maximum extent permitted by law. The product specifications do not expand or otherwise modify Vishay's terms and conditions of purchase, including but not limited to the warranty expressed therein, which apply to these products. No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document or by any conduct of Vishay. The products shown herein are not designed for use in medical, life-saving, or life-sustaining applications unless otherwise expressly indicated. Customers using or selling Vishay products not expressly indicated for use in such applications do so entirely at their own risk and agree to fully indemnify Vishay for any damages arising or resulting from such use or sale. Please contact authorized Vishay personnel to obtain written terms and conditions regarding products designed for such applications. Product names and markings noted herein may be trademarks of their respective owners.