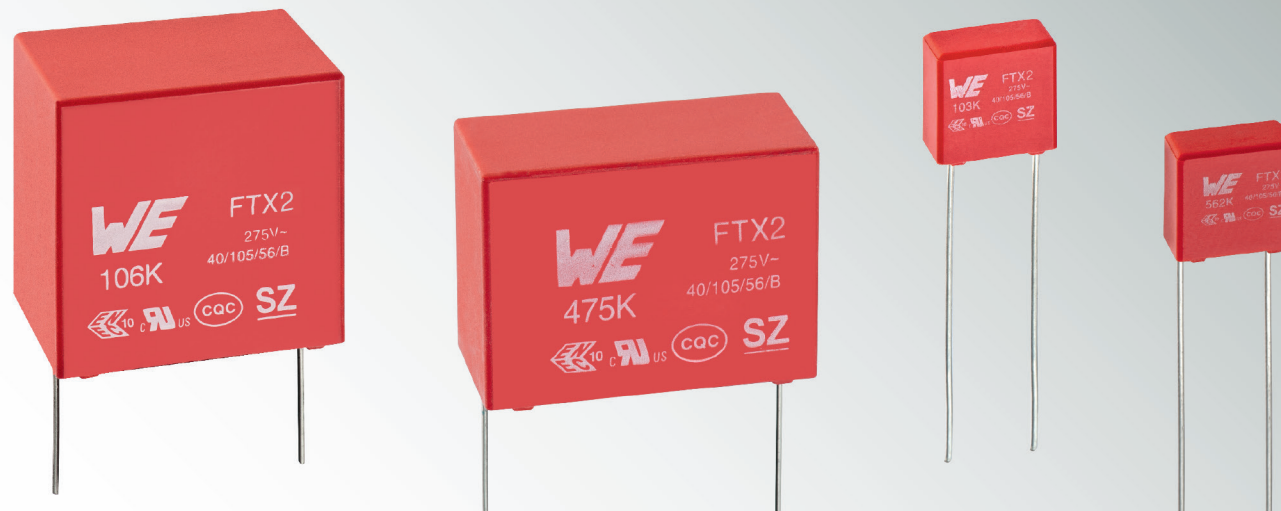




## DESIGN KIT

# WCAP-FTX2 MKP Film Capacitors X2 275 V AC



### SIZE:

7.5 ~ 37.5mm Pitch

### TECHNICAL DATA:

Capacitance Range: 0.01 $\mu$ F ~ 6.8 $\mu$ F  
 $R_{iso}$ : > 10000 M $\Omega$ \* $\mu$ F ~ > 30000 M $\Omega$   
 dV/dt: 110 ~ 500 V/ $\mu$ S  
 Capacitance Tolerance: 10 %  
 Climate Category: 40/105/56/B

### APPROVALS:

ENEC10 by VDE, cULus, CQC

**Order Code 890 324**

**Version 1.1**

# WCAP-FTX2

## MKP Film Capacitors X2 275 V AC



<b>890 324 022 007</b>	
<b>MX2P075153K275ASPB15000</b>	
C:	0.015 $\mu$ F
$R_{iso}$ :	> 30000 M $\Omega$
dV/dt:	500 V/ $\mu$ S
DF:	@ 1 kHz < 0.10 % @ 10 kHz < 0.10 % @ 100 kHz < 0.50 %

<b>890 324 022 017</b>	
<b>MX2P075683K275ASPB15000</b>	
C:	0.068 $\mu$ F
$R_{iso}$ :	> 30000 M $\Omega$
dV/dt:	400 V/ $\mu$ S
DF:	@ 1 kHz < 0.10 % @ 10 kHz < 0.10 % @ 100 kHz < 0.50 %

<b>890 324 023 006</b>	
<b>MX2P010103K275ASPB16000</b>	
C:	0.01 $\mu$ F
$R_{iso}$ :	> 30000 M $\Omega$
dV/dt:	500 V/ $\mu$ S
DF:	@ 1 kHz < 0.10 % @ 10 kHz < 0.10 % @ 100 kHz < 0.50 %

<b>890 324 023 015</b>	
<b>MX2P010473K275ASPB15000</b>	
C:	0.047 $\mu$ F
$R_{iso}$ :	> 30000 M $\Omega$
dV/dt:	300 V/ $\mu$ S
DF:	@ 1 kHz < 0.10 % @ 10 kHz < 0.10 % @ 100 kHz < 0.50 %

<b>890 324 023 025</b>	
<b>MX2P010154K275ASPB15000</b>	
C:	0.15 $\mu$ F
$R_{iso}$ :	> 30000 M $\Omega$
dV/dt:	300 V/ $\mu$ S
DF:	@ 1 kHz < 0.10 % @ 10 kHz < 0.20 % @ 100 kHz < 2.00 %

<b>890 324 024 002</b>	
<b>MX2P125224K275ASPB15000</b>	
C:	0.22 $\mu$ F
$R_{iso}$ :	> 30000 M $\Omega$
dV/dt:	240 V/ $\mu$ S
DF:	@ 1 kHz < 0.10 % @ 10 kHz < 0.20 % @ 100 kHz < 2.00 %

<b>890 324 024 005</b>	
<b>MX2P125474K275ASPB15000</b>	
C:	0.47 $\mu$ F
$R_{iso}$ :	> 10000 M $\Omega$ * $\mu$ F
dV/dt:	280 V/ $\mu$ S
DF:	@ 1 kHz < 0.10 % @ 10 kHz < 0.20 % @ 100 kHz < 2.00 %

<b>890 324 025 006</b>	
<b>MX2P015333K275ASPB16000</b>	
C:	0.033 $\mu$ F
$R_{iso}$ :	> 30000 M $\Omega$
dV/dt:	300 V/ $\mu$ S
DF:	@ 1 kHz < 0.10 % @ 10 kHz < 0.10 % @ 100 kHz < 0.50 %

<b>890 324 025 017</b>	
<b>MX2P015104K275ASPB16000</b>	
C:	0.1 $\mu$ F
$R_{iso}$ :	> 30000 M $\Omega$
dV/dt:	300 V/ $\mu$ S
DF:	@ 1 kHz < 0.10 % @ 10 kHz < 0.10 % @ 100 kHz < 0.50 %

<b>890 324 025 045</b>	
<b>MX2P015684K275ASPB15000</b>	
C:	0.68 $\mu$ F
$R_{iso}$ :	> 10000 M $\Omega$ * $\mu$ F
dV/dt:	230 V/ $\mu$ S
DF:	@ 1 kHz < 0.10 % @ 10 kHz < 0.70 %

<b>890 324 026 018</b>	
<b>MX2P225564K275ASPB46000</b>	
C:	0.56 $\mu$ F
$R_{iso}$ :	> 10000 M $\Omega$ * $\mu$ F
dV/dt:	160 V/ $\mu$ S
DF:	@ 1 kHz < 0.10 % @ 10 kHz < 0.70 %

<b>890 324 026 027</b>	
<b>MX2P225105K275ASPB46000</b>	
C:	1.0 $\mu$ F
$R_{iso}$ :	> 10000 M $\Omega$ * $\mu$ F
dV/dt:	170 V/ $\mu$ S
DF:	@ 1 kHz < 0.10 % @ 10 kHz < 0.70 %

<b>890 324 027 006</b>	
<b>MX2P275684K275ASPB56000</b>	
C:	0.68 $\mu$ F
$R_{iso}$ :	> 10000 M $\Omega$ * $\mu$ F
dV/dt:	170 V/ $\mu$ S
DF:	@ 1 kHz < 0.10 % @ 10 kHz < 0.70 %

<b>890 324 027 025</b>	
<b>MX2P275335K275ASPB55000</b>	
C:	3.3 $\mu$ F
$R_{iso}$ :	> 10000 M $\Omega$ * $\mu$ F
dV/dt:	130 V/ $\mu$ S
DF:	@ 1 kHz < 0.10 % @ 10 kHz < 0.70 %

<b>890 324 028 008</b>	
<b>MX2P375685K275ASPB65000</b>	
C:	6.8 $\mu$ F
$R_{iso}$ :	> 10000 M $\Omega$ * $\mu$ F
dV/dt:	110 V/ $\mu$ S
DF:	@ 1 kHz < 0.10 % @ 10 kHz < 0.70 %

### Approvals

ENEC 10 by VDE  
DIN EN 60384 -14  
(VDE 0565 Part 1-1): 2006 - 04  
EN 60384 -14: 2005 - 08  
IEC 60384 -14 (ed.3)  
cULus  
UL 60384 -14  
CAN/CSA -E60384 -14  
CQC 13001104051  
GB/T14472 -1998



### Technical Data

Capacitance Tolerance: 10 %  
Climate Category: 40/105/56/B

- Pitch 7.5 mm
- Pitch 10.0 mm
- Pitch 12.5 mm
- Pitch 15.0 mm
- Pitch 22.5 mm
- Pitch 27.5 mm
- Pitch 37.5 mm

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**All articles are standard  
with 4 ± 0.5 mm pin length\***

\*As standard we deliver our product with cut pins of 4 ± 0.5 mm. For ordering the cut version please add "CS" to WE part number. These parts are available ex stock. The straight pin version as given in the Design Kit has a pin length of min. 20 mm and is available on request.