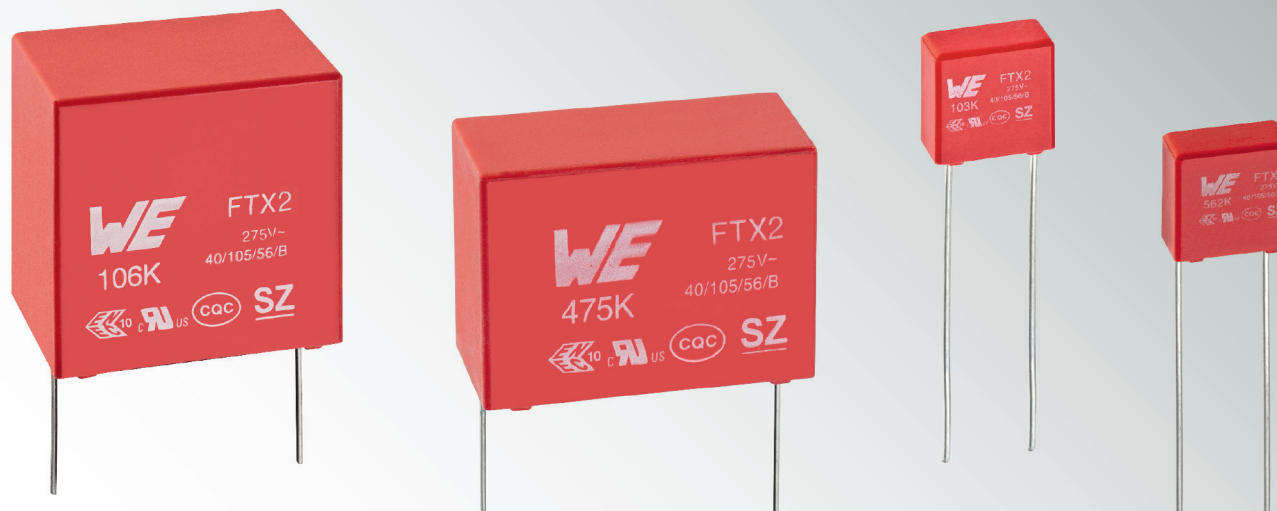




DESIGN KIT

WCAP-FTX2 MKP Film Capacitors X2 275 V AC



SIZE:

7.5 ~ 37.5 mm Pitch

TECHNICAL DATA:

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

APPROVALS:

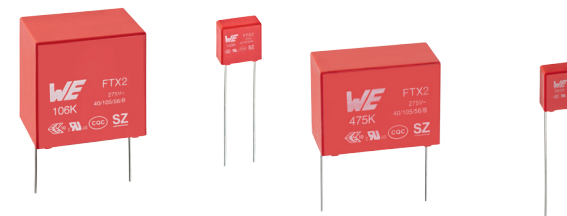
ENEC10 by VDE, cULus, CQC

Order Code 890 324

Version 1.1

WCAP-FTX2

MKP Film Capacitors X2 275 V AC



890 324 022 007

MX2P075153K275ASPB15000

C: 0.015 μ F

R_{iso} : > 30000 M Ω

dV/dt: 500 V/ μ S

DF: @ 1 kHz < 0.10 %
@ 10 kHz < 0.10 %
@ 100 kHz < 0.50 %

890 324 022 017

MX2P075683K275ASPB15000

C: 0.068 μ F

R_{iso} : > 30000 M Ω

dV/dt: 400 V/ μ S

DF: @ 1 kHz < 0.10 %
@ 10 kHz < 0.10 %
@ 100 kHz < 0.50 %

890 324 023 006

MX2P010103K275ASPB16000

C: 0.01 μ F

R_{iso} : > 30000 M Ω

dV/dt: 500 V/ μ S

DF: @ 1 kHz < 0.10 %
@ 10 kHz < 0.10 %
@ 100 kHz < 0.50 %

890 324 023 015

MX2P010473K275ASPB15000

C: 0.047 μ F

R_{iso} : > 30000 M Ω

dV/dt: 300 V/ μ S

DF: @ 1 kHz < 0.10 %
@ 10 kHz < 0.10 %
@ 100 kHz < 0.50 %

890 324 023 025

MX2P010154K275ASPB15000

C: 0.15 μ F

R_{iso} : > 30000 M Ω

dV/dt: 300 V/ μ S

DF: @ 1 kHz < 0.10 %
@ 10 kHz < 0.20 %
@ 100 kHz < 2.00 %

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

890 324 024 002

MX2P125224K275ASPB15000

C: 0.22 μ F

R_{iso} : > 30000 M Ω

dV/dt: 240 V/ μ S

DF: @ 1 kHz < 0.10 %
@ 10 kHz < 0.20 %
@ 100 kHz < 2.00 %

890 324 024 005

MX2P125474K275ASPB15000

C: 0.47 μ F

R_{iso} : > 10000 M Ω * μ F

dV/dt: 280 V/ μ S

DF: @ 1 kHz < 0.10 %
@ 10 kHz < 0.20 %
@ 100 kHz < 2.00 %

890 324 025 006

MX2P015333K275ASPB16000

C: 0.033 μ F

R_{iso} : > 30000 M Ω

dV/dt: 300 V/ μ S

DF: @ 1 kHz < 0.10 %
@ 10 kHz < 0.10 %
@ 100 kHz < 0.50 %

890 324 025 017

MX2P015104K275ASPB16000

C: 0.1 μ F

R_{iso} : > 30000 M Ω

dV/dt: 300 V/ μ S

DF: @ 1 kHz < 0.10 %
@ 10 kHz < 0.10 %
@ 100 kHz < 0.50 %

890 324 025 045

MX2P015684K275ASPB15000

C: 0.68 μ F

R_{iso} : > 10000 M Ω * μ F

dV/dt: 230 V/ μ S

DF: @ 1 kHz < 0.10 %
@ 10 kHz < 0.70 %



890 324 026 018

MX2P225564K275ASPB46000

C: 0.56 μ F

R_{iso} : > 10000 M Ω * μ F

dV/dt: 160 V/ μ S

DF: @ 1 kHz < 0.10 %
@ 10 kHz < 0.70 %

890 324 026 027

MX2P225105K275ASPB46000

C: 1.0 μ F

R_{iso} : > 10000 M Ω * μ F

dV/dt: 170 V/ μ S

DF: @ 1 kHz < 0.10 %
@ 10 kHz < 0.70 %

890 324 027 006

MX2P275684K275ASPB56000

C: 0.68 μ F

R_{iso} : > 10000 M Ω * μ F

dV/dt: 170 V/ μ S

DF: @ 1 kHz < 0.10 %
@ 10 kHz < 0.70 %

890 324 027 025

MX2P275335K275ASPB55000

C: 3.3 μ F

R_{iso} : > 10000 M Ω * μ F

dV/dt: 130 V/ μ S

DF: @ 1 kHz < 0.10 %
@ 10 kHz < 0.70 %

890 324 028 008

MX2P375685K275ASPB65000

C: 6.8 μ F

R_{iso} : > 10000 M Ω * μ F

dV/dt: 110 V/ μ S

DF: @ 1 kHz < 0.10 %
@ 10 kHz < 0.70 %

Technical Data

Capacitance Tolerance: 10 %
Climate Category: 40/105/56/6

- 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

EMC COMPONENTS | INDUCTORS | TRANSFORMERS | RF COMPONENTS | CIRCUIT PROTECTION | EMC SHIELDING MATERIAL | **CAPACITORS** | CONNECTORS | SWITCHES | ASSEMBLY TECHNIQUE | POWER ELEMENTS

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Please check datasheets on www.we-online.com for specifications. Würth Elektronik eiSos GmbH & Co. KG, EMC & Inductive Solutions. © 2014

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

*As standard we deliver our product with cut pins of 4 $\pm$ 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.