



DESIGN KIT

WCAP-FTXX MKP Film Capacitors X2 310 V AC



SIZE:

7.5 ~ 37.5mm Pitch

TECHNICAL DATA:

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

APPROVALS:

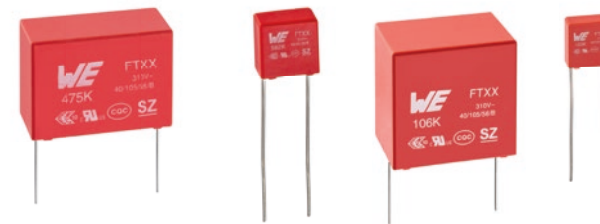
ENEC10 by VDE, cULus, CQC

Order Code 890 334

Version 1.1

WCAP-FTXX

MKP Film Capacitors X2 310 V AC



890 334 022 007	
MXXP075153K310ASPB15000	
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 %

890 334 022 017	
MXXP075683K310ASPB15000	
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 %

890 334 023 006	
MXXP010103K310ASPB16000	
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 %

890 334 023 015	
MXXP010473K310ASPB15000	
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 %

890 334 023 025	
MXXP010154K310ASPB15000	
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 %

890 334 024 002	
MXXP125224K310ASPB15000	
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 %

890 334 024 005	
MXXP125474K310ASPB15000	
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 %

890 334 025 006	
MXXP015333K310ASPB15000	
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 %

890 334 025 017	
MXXP015104K310ASPB15000	
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 %

890 334 025 045	
MXXP015684K310ASPB15000	
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 %

890 334 026 018	
MXXP225564K310ASPB46000	
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 %

890 334 026 027	
MXXP225105K310ASPB46000	
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 %

890 334 027 006	
MXXP275684K310ASPB56000	
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 %

890 334 027 025	
MXXP275335K310ASPB55000	
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 %

890 334 028 008	
MXXP375685K310ASPB65000	
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 %

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 13001104050
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

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

Important information: Würth Elektronik's design kits contain reference components. These components correspond with the current product development status on the day of supply. Exchange of the reference components to components with up-to-date product development status is not carried out automatically. No liability is taken for the use of these reference components. Therefore, please request new samples prior to releases for series production and product release.

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

www.we-online.com

**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.