

# 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 %<br>@ 10 kHz < 0.10 %<br>@ 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 %<br>@ 10 kHz < 0.10 %<br>@ 100 kHz < 0.50 % |

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|--------------------------------|---|
| <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 %<br>@ 10 kHz < 0.10 %<br>@ 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 %<br>@ 10 kHz < 0.10 %<br>@ 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 %<br>@ 10 kHz < 0.20 %<br>@ 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 %<br>@ 10 kHz < 0.20 %<br>@ 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 %<br>@ 10 kHz < 0.20 %<br>@ 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 %<br>@ 10 kHz < 0.10 %<br>@ 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 %<br>@ 10 kHz < 0.10 %<br>@ 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 %<br>@ 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 %<br>@ 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 %<br>@ 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 %<br>@ 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 %<br>@ 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 %<br>@ 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

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

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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.