



DC FILTERING

FFLK SERIES | ROHS COMPLIANT

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BASIC OVERVIEW

The FFLK series is specifically designed for DC filtering applications such as DC link in power converters for traction market.

APPLICATIONS

- DC Filtering

KEY SPECIFICATIONS

Voltage Range: 900V to 3800V

Capacitance Range: 25 μ F – 3020 μ F

Controlled Self Healing Technology

GENERAL CHARACTERISTICS

The FFLK series is specifically designed for DC filtering applications such as DC link. This range offers solutions for voltage from 900V up to 3800V. FFLK is cylindrical with axial terminals on the top face, with a mechanical mounting bolt underneath.

The Controlled Self Healing Technology, essential to ensure a safe and reliable behavior, is achieved by using a dry metallized polypropylene film technology for voltages 900 to 1900Vdc and wet solution with both polypropylene metallized film and oil (without free oil) for voltages 2000 to 3800Vdc. Standard designs proposed in this catalog are covering a wide range of voltage and capacitance values. In case of specific requirements about shape and performances, please feel free to contact your local KYOCERA AVX representative.

TOP SELLING POINTS / CHARACTERISTICS

- Cost optimized solution, using latest state of the art technology
- Controlled self healing suitable for traction market

KYOCERA AVX ADVANTAGES VS. COMPETITOR PRODUCT

KYOCERA AVX traction grade products do not suffer from catastrophic field failures, due to the controlled self healing technology, which is used in their design. Controlled self healing technology was patented by KYOCERA AVX in 1976 and is one step further in reliability, compared to intrinsic self healing technology, known as a technology feature for all film dielectric capacitors.





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IMMEDIATELY AVAILABLE PART NUMBERS

FFLK

Series

6

Dielectric
6 = Polypropylene

A

Voltage
A = 900V I = 2000V
B = 1000V J = 2150V
C = 1100V K = 2300V
D = 1250V L = 2550V
E = 1400V M = 2800V
F = 1500V N = 3000V
G = 1750V O = 3500V
H = 1900V P = 3800V

0537

Capacitance
EIA Code

K

Tolerance
K = ±10%

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Terminal Code
Male threaded = --
Female threaded = JE

COMPETITOR CROSS SERIES: Kemet C44U-M

FAQ'S

Q: What is the advantage over previous FFLI and FFLI HV series?

A: FFLK offers full voltage range under one PN coding roof with the added value of cost optimized technology. FFLK products are smaller and cheaper than their FFLI/FFLI HV ancestors.

Q: What is the advantage over FFLR series?

A: FFLK series offers traction grade component compared to commercial FFLR option.



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