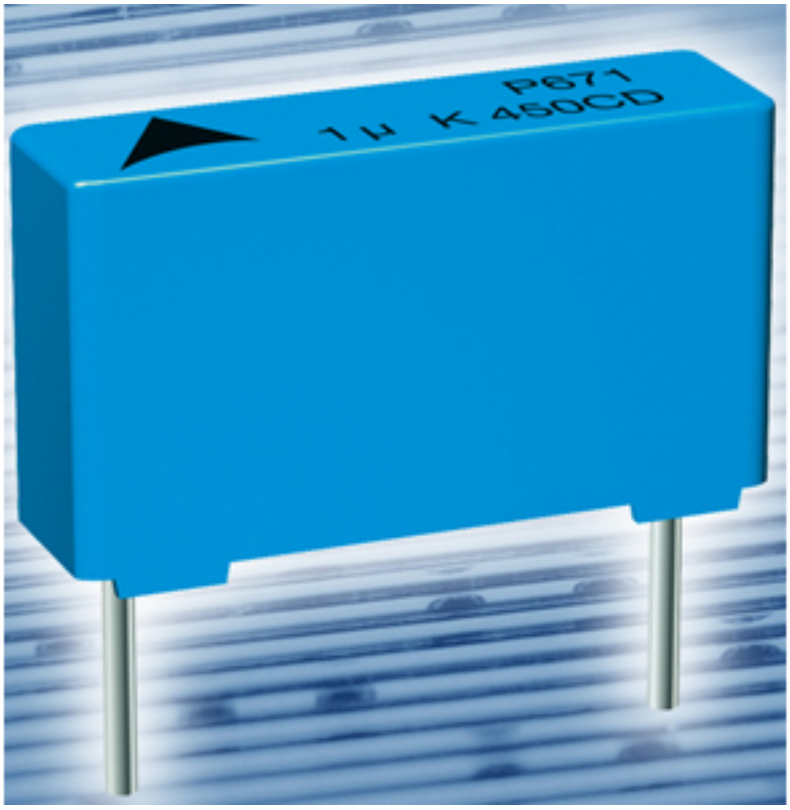
Film capacitor achieve 40 percent volume reduction compared to its predecessor



TDK Corporation announces significantly reduced size in EPCOS MKP film capacitors of the B3267*P* series. For example, the type with a capacitance of 1 µF and a rated voltage of 450 V DC has dimensions of only 8.0 x 17.5 x 13.0 mm^3 thanks to a high capacitance density with a lead spacing of 10 mm. This corresponds to a volume reduction of about 40 percent compared with the predecessor type with a lead spacing of 15 mm.

The new series comprises types with lead spacings of 10 mm, 15 mm and 22.5 mm, respectively. The capacitors are designed for rated voltages of 450 V DC, 520 V DC and 630 V DC and cover a capacitance range from 68 nF to 2.2 µF. These components are suitable for a continuous operating temperature of 125° C. The plastic of the case satisfies UL 94 V-0 specifications. Halogen-free versions are also available upon request.

Typical applications of these capacitors are passive PFC as well as output filtering for ballasts, LED power supplies and switch-mode power supplies.

Delivery is in 8 weeks. Pricing, $0.1651 ~ $0.7269/ea. varies depending on part selected and quantity. Parts are also available through EPCOS' distribution partners. [1]

www.epcos.com/film_mkp [1]

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