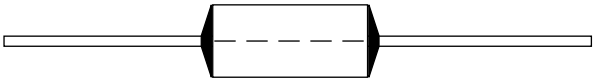
# AC Capacitors
# (Metallized Polypropylene Film), 400 $V_{AC}$, Axial Type



## FEATURES

- Material categorization:
  For definitions of compliance please see www.vishay.com/doc?99912

Pb-free

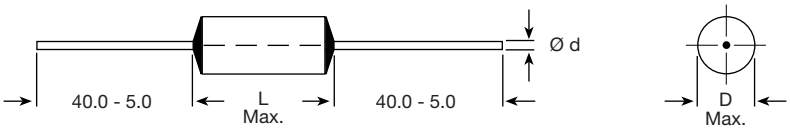
e3

RoHS COMPLIANT

## QUICK REFERENCE DATA

| | |
|---|---|
| Technical data | Please refer to www.vishay.com/doc?26522 |
| Terminals | Tinned copper wire |
| Rated AC voltage | 400 $V_{AC}$, 50 Hz/60 Hz |
| Coating | Plastic and resin |
| Construction | Cylindrical with axial leads |
| Climatic testing class acc. to EN 60068-1 | 40/085/21 |

## DIMENSIONS in millimeters




| d (mm) | D (mm) |
|---|---|
| 0.7 | < 7 |
| 0.8 | > 7/< 16.5 |
| 1.0 | ≥ 16.5 |

## ELECTRICAL DATA AND ORDERING CODE

| $U_{RAC}$ (V) | CAP. (µF) | DIMENSIONS (max.) (mm) | PCM D x L (mm) | WEIGHT (g) | QUANTITY PACKAGE (pcs) | ORDERING CODE (1) |
|---|---|---|---|---|---|---|
| 400 | 0.010 | 7.0 x 19.0 | 22.5 | 1.0 | 1500 | MKP1842-310-4000 |
| | 0.015 | 8.5 x 19.0 | 22.5 | 1.5 | 1500 | MKP1842-315-4000 |
| | 0.022 | 9.5 x 19.0 | 22.5 | 1.6 | 1000 | MKP1842-322-4000 |
| | 0.033 | 8.5 x 26.5 | 30.0 | 1.7 | 1000 | MKP1842-333-4000 |
| | 0.047 | 9.5 x 26.5 | 30.0 | 2.1 | 1000 | MKP1842-347-4000 |
| | 0.068 | 11.5 x 26.5 | 30.0 | 2.9 | 750 | MKP1842-368-4000 |
| | 0.10 | 12.0 x 31.5 | 35.0 | 3.2 | 1000 | MKP1842-410-4000 |
| | 0.15 | 14.0 x 31.5 | 35.0 | 4.2 | 1000 | MKP1842-415-4000 |
| | 0.22 | 17.0 x 31.5 | 35.0 | 6.4 | 750 | MKP1842-422-4000 |
| | 0.33 | 17.0 x 41.5 | 45.0 | 8.0 | 500 | MKP1842-433-4000 |
| | 0.47 | 20.0 x 41.5 | 45.0 | 11.0 | 500 | MKP1842-447-4000 |
| | 0.68 | 23.5 x 41.5 | 45.0 | 15.0 | 250 | MKP1842-468-4000 |

**Note**

(1) These capacitors can be delivered on continuous tape and reel - see packaging information www.vishay.com/doc?28139.
The ordering code is MKP1842- . . . -4900 taped on reel, MKP1842- . . . -4901 taped ammopack.



For technical questions, contact: dc-film@vishay.com

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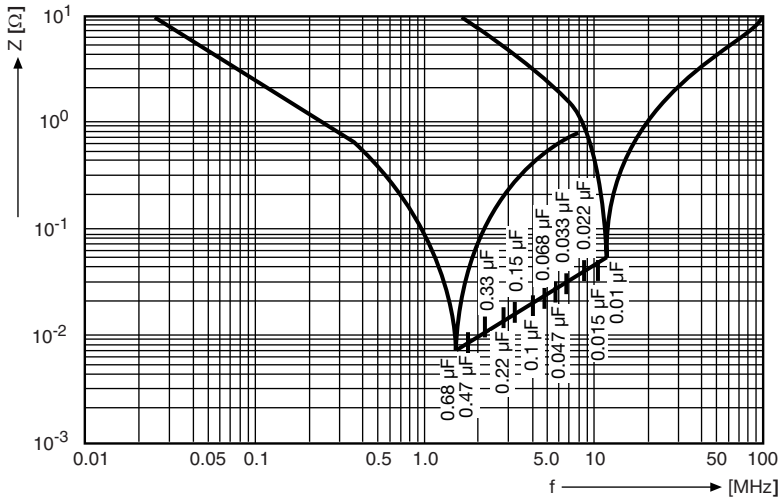
## IMPEDANCE (Z) AS A FUNCTION OF FREQUENCY (f) AT $T_A$ = 20 °C (AVERAGE)

Measurement with lead length 6 mm





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**Vishay Intertechnology, Inc. hereby certifies that all its products that are identified as RoHS-Compliant fulfill the definitions and restrictions defined under Directive 2011/65/EU of The European Parliament and of the Council of June 8, 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (EEE) - recast, unless otherwise specified as non-compliant.**

**Please note that some Vishay documentation may still make reference to RoHS Directive 2002/95/EC. We confirm that all the products identified as being compliant to Directive 2002/95/EC conform to Directive 2011/65/EU.**

**Vishay Intertechnology, Inc. hereby certifies that all its products that are identified as Halogen-Free follow Halogen-Free requirements as per JEDEC JS709A standards. Please note that some Vishay documentation may still make reference to the IEC 61249-2-21 definition. We confirm that all the products identified as being compliant to IEC 61249-2-21 conform to JEDEC JS709A standards.**

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- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

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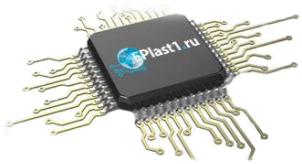
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.




**Как с нами связаться**

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