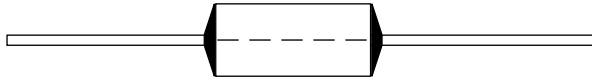


## AC Capacitors (Metallized Polypropylene Film), 400 V<sub>AC</sub>, Axial Type


**FEATURES**

- Material categorization:  
For definitions of compliance please see [www.vishay.com/doc?99912](http://www.vishay.com/doc?99912)


**RoHS  
COMPLIANT**

| QUICK REFERENCE DATA                      |  |
|---|--|
| Technical data                            | Please refer to <a href="http://www.vishay.com/doc?26522">www.vishay.com/doc?26522</a> |
| Terminals                                 | Tinned copper wire   |
| Rated AC voltage                          | 400 V <sub>AC</sub> , 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 |               |
|---------------------------|---------------|
|                           |               |
| <b>d (mm)</b>             | <b>D (mm)</b> |
| 0.7                       | < 7           |
| 0.8                       | > 7 / < 16.5  |
| 1.0                       | ≥ 16.5        |

| ELECTRICAL DATA AND ORDERING CODE |              |                           |                      |               |                              |                                 |
|-----------------------------------|--------------|---------------------------|----------------------|---------------|------------------------------|---------------------------------|
| U <sub>RAC</sub><br>(V)           | CAP.<br>(µF) | DIMENSIONS (max.)<br>(mm) | PCM<br>D x L<br>(mm) | WEIGHT<br>(g) | QUANTITY<br>PACKAGE<br>(pcs) | ORDERING<br>CODE <sup>(1)</sup> |
| 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             |                                 |

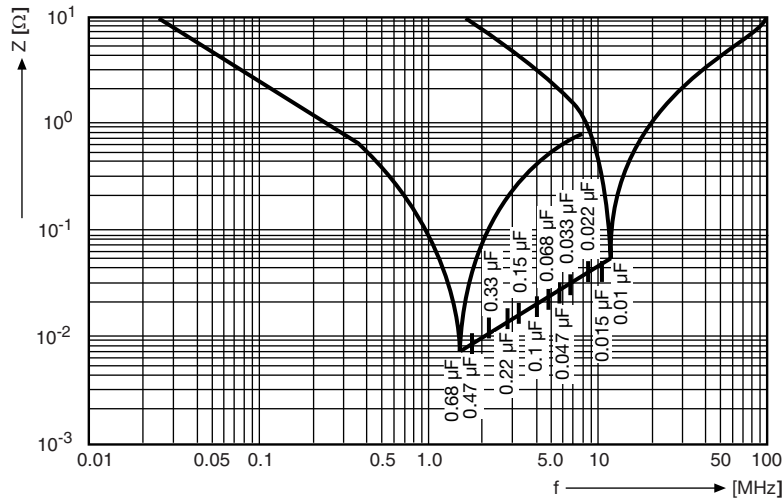
**Note**

- <sup>(1)</sup> These capacitors can be delivered on continuous tape and reel - see packaging information [www.vishay.com/doc?28139](http://www.vishay.com/doc?28139).  
The ordering code is MKP1842- . . . -4900 taped on reel, MKP1842- . . . -4901 taped ammpack.



**IMPEDANCE (Z) AS A FUNCTION OF FREQUENCY (f) AT T<sub>A</sub> = 20 °C (AVERAGE)**

Measurement with lead length 6 mm





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**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.**

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