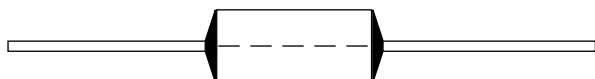


AC Capacitors (Metallized Polypropylene Film), 400 V_{AC}, Axial Type



FEATURES

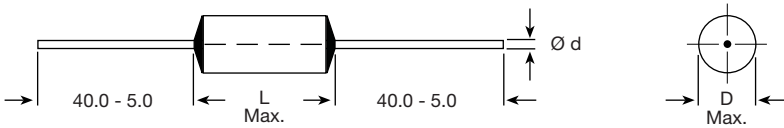
- Material categorization:
For definitions of compliance please see www.vishay.com/doc?99912


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

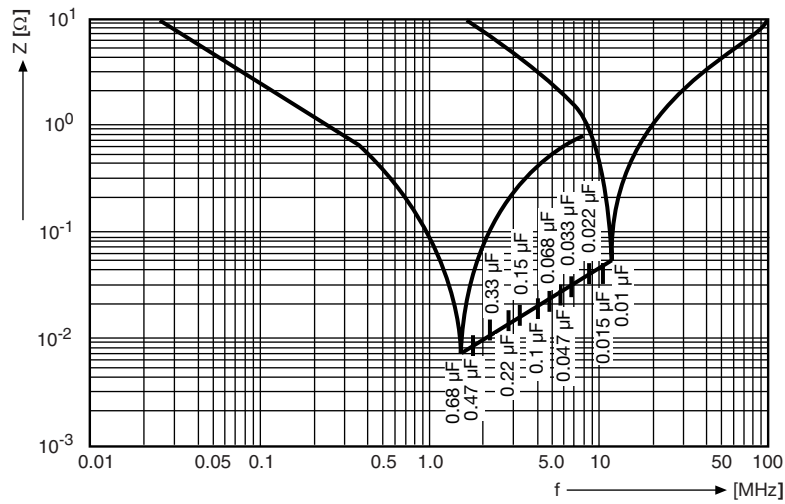
U _{RAC} (V)	CAP. (µF)	DIMENSIONS (max.) (mm)	PCM D x L (mm)	WEIGHT (g)	QUANTITY PACKAGE (pcs)	ORDERING CODE ⁽¹⁾
400	0.010	7.0 x 19.0	22.5	1.0	1500	MKP1842-310-4000
	0.015	8.5 x 19.0	22.5	1.5	1500	MKP1842-315-4000
	0.022	9.5 x 19.0	22.5	1.6	1000	MKP1842-322-4000
	0.033	8.5 x 26.5	30.0	1.7	1000	MKP1842-333-4000
	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?228139.
The ordering code is MKP1842- . . . -4900 taped on reel, MKP1842- . . . -4901 taped ammpack.

IMPEDANCE (Z) AS A FUNCTION OF FREQUENCY (f) AT $T_A = 20\text{ }^{\circ}\text{C}$ (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.

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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