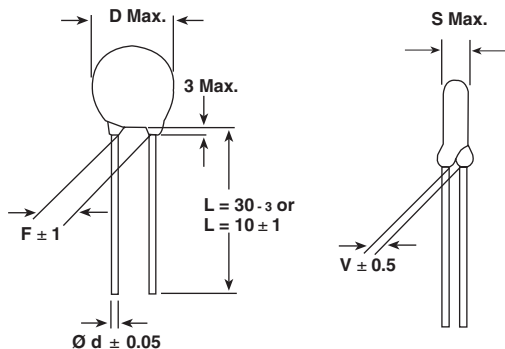


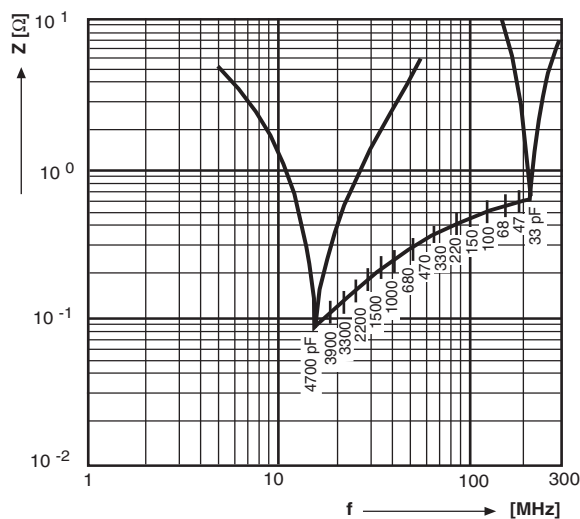
Ceramic AC Capacitors

Class X1, 440 V_{AC}/Class Y2, 300 V_{AC}

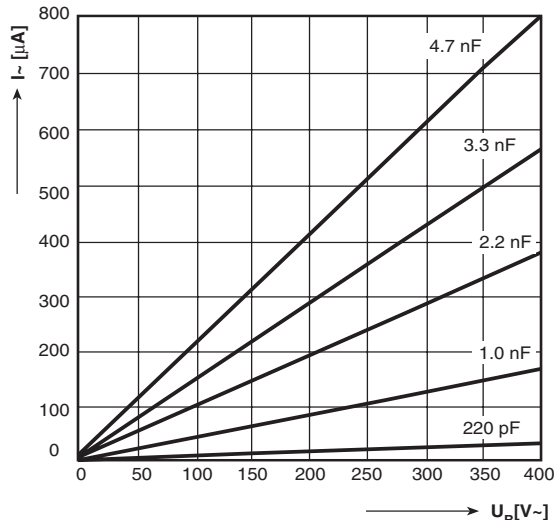


• Dimensions in mm

Impedance (Z) as a function of frequency (f) at T_a = 20 °C (average). Measurement with lead length 50 mm.



I = f (U_R) (typ.)



DESIGN:

Disc capacitors with epoxy coating

RATED VOLTAGE U_R:

(X1): 440 V_{AC}, 50 Hz (IEC 60384-14.2)
 (Y2): 300 V_{AC}, 50 Hz (IEC 60384-14.2)
 250 V_{AC}, 60 Hz (UL1414, CSA C22.2)

DIELECTRIC STRENGTH BETWEEN LEADS:

Component test:

2600 V_{AC}, 50 Hz, 2 s

As repeated test admissible only once with

2340 V_{AC}, 50 Hz, 2 s

Random sampling test (destructive test):

2600 V_{AC}, 50 Hz, 60 s

DIELECTRIC STRENGTH OF BODY INSULATION:

2600 V_{AC}, 50 Hz, 60 s (destructive test)

DISSIPATION FACTOR tan δ:

≤ 25 • 10⁻³

INSULATION RESISTANCE R_{is}:

≥ 6 • 10⁹ Ω

CATEGORY TEMPERATURE RANGE θ_A:

(- 40 to + 125) °C

CLIMATIC CATEGORY ACC. TO EN60068-1:

40/125/21

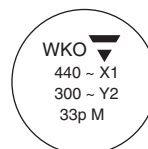
COATING:

Epoxy, dipped, insulating, flame retarding acc. to UL 94V-0

TAPING AND SPECIAL LEAD CONFIGURATIONS:

On request

MARKING:



WKO 33 pF to 1.0 nF

WKO 1.5 nF to 4.7 nF

All approval marks are also shown on the label.



Ceramic AC Capacitors

Class X1, 440 V_{AC}/Class Y2, 300 V_{AC}

Vishay Draloric

ORDERING INFORMATION, CERAMIC X1 / Y2 CAPACITORS WKO

CAPACITANCE** (pF)	TOL. (%)	D x s (mm)	F ± 1* (mm)	d ± 0.05* (mm)	V ± 0.5* (mm)	ORDERING CODE
CLASS 1 N750						
33	± 10 %, ± 20 %	8.0 x 5.0	7.5	0.6	1.6	WKO330□CP□□□KR
47		8.0 x 5.0				WKO470□CP□□□KR
CLASS 2 K1200						
68	± 10 %, ± 20 %	8.0 x 5.0	7.5	0.6	1.9	WKO680□CP□□□KR
CLASS 2 K1500						
100	± 10 %, ± 20 %	8.0 x 5.0	7.5	0.6	1.9	WKO101□CP□□□KR
CLASS 2 K2000						
150	± 10 %, ± 20 %	8.0 x 5.0	7.5	0.6	1.9	WKO151□CP□□□KR
220		8.0 x 5.0				WKO221□CP□□□KR
330		8.0 x 5.0				WKO331□CP□□□KR
CLASS 2 K4000						
470	± 10 %, ± 20 %	8.0 x 5.0	7.5	0.6	2.0	WKO471□CP□□□KR
680		9.0 x 5.0				WKO681□CP□□□KR
1000		10.0 x 5.0		0.8	1.6	WKO102□CP□□□KR
1500		12.0 x 5.0				WKO152□CP□□□KR
2200		13.0 x 5.0	WKO222□CP□□□KR			
3300		15.0 x 5.0	WKO332□CP□□□KR			
3900		16.0 x 5.0	WKO392□CP□□□KR			
4700		18.0 x 5.0	12.5	WKO472□CP□□□KR		

* Standard lead configuration, other lead spacing and diameter available on request.

** Capacitance values from 1000 pF to 4700 pF: The alternative usage of smaller WKO series is recommended for new application.

ORDERING CODE

□	7th digit	Capacitance Tolerance:	± 10 % = K ± 20 % = M
□□□	10th to 12th digit	Lead Configuration (see General Information)	
R	14th digit	RoHS Compliant Component	

APPROVALS**IEC 60384 - 14 / 2nd Issue (1993) incl. Am. 1 (1995) - Safety Tests****EN 132 400 (1994) - Safety Tests**

That approval together with the CB Test Certificate substitutes the national approval of the following nations:

Belgium	France	Italy	Austria	China	Japan	Spain
Denmark	Greece	Luxembourg	Portugal	Singapore	Poland	United Kingdom
Germany	Ireland	Netherlands	Sweden	Slovenia	Hungaria	Czech Republic
Finland	Iceland	Norway	Switzerland	Korea	Israel	

Y2 - Capacitor: CB-Test Certificate: DE-1-11134-A1 33 pF ... 4.7 nF 300 Vac
X1 - Capacitor: CB-Test Certificate: DE-1-11134-A1 33 pF ... 4.7 nF 440 Vac
Minimum thickness of insulation: 0.4 mm



Underwriters Laboratories Inc.

UL 1414	Line-by-pass component.	33 pF ... 4.7 nF	250 Vac	
	Agency Files / Licences	E 183 844 V1 S3		

Canadian Standards Association

CSA C22.2	Line-by-pass component.	33 pF ... 4.7 nF	250 Vac	
No 1-98	Agency Files / Licences	E 183 844 V1 S3		

ORDERING INFORMATION

WKO	392	K	CP	CJ0	K	R
SERIES	CAP. VALUE	TOLERANCE	RATED VOLTAGE	LEAD CONFIGURATION	INTERNAL CODE	RoHS COMPLIANT



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Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- 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.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- 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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