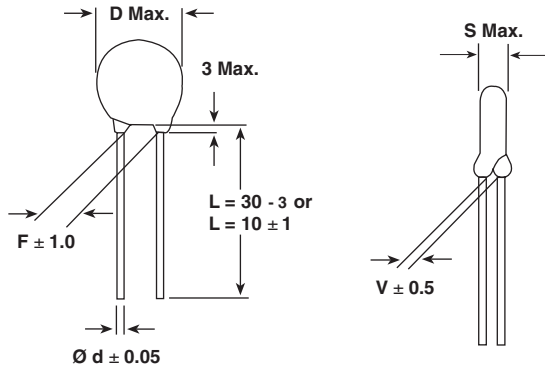
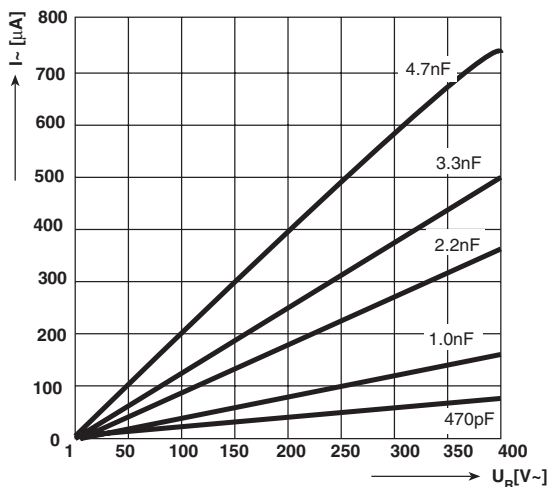
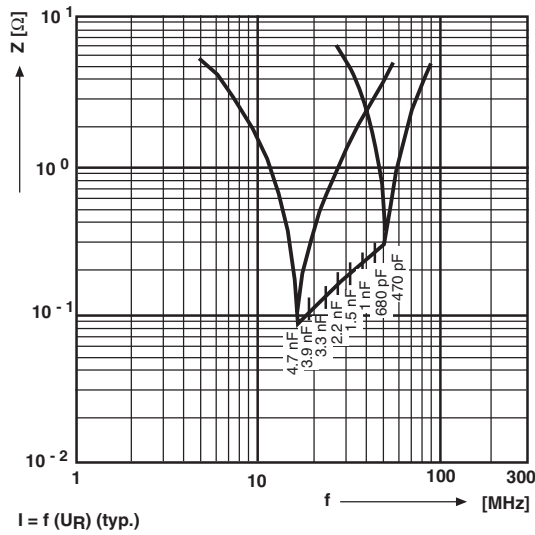


Ceramic AC Capacitors Class X1, 760 V_{AC}/Class Y1, 500 V_{AC}



• Dimensions in mm

Impedance (Z) as a function of frequency (f) at $T_a = 20\text{ }^\circ\text{C}$ (average). Measurement with lead length 6 mm.



DESIGN:

Disc capacitors with epoxy coating

RATED VOLTAGE U_R:

- (X1): 760 V_{AC}, 50 Hz (IEC 60384-14.2)
- (Y1): 500 V_{AC}, 50 Hz (IEC 60384-14.2)
250 V_{AC}, 60 Hz (UL1414, CSA C22.2)

DIELECTRIC STRENGTH BETWEEN LEADS:

Component test:
4000 V_{AC}, 50 Hz, 2 s
As repeated test admissible only once with
3600 V_{AC}, 50 Hz, 2 s
Random sampling test (destructive test):
4000 V_{AC}, 50 Hz, 60 s

DIELECTRIC STRENGTH OF BODY INSULATION:

4000 V_{AC}, 50 Hz, 60 s (destructive test)

DISSIPATION FACTOR TAN δ:

$\leq 25 \cdot 10^{-3}$

INSULATION RESISTANCE R_{is}:

$\geq 10 \cdot 10^9\ \Omega$

CATEGORY TEMPERATURE RANGE 9A:

(- 40 to + 125) °C

CLIMATIC CATEGORY ACC. TO EN60068-1:

40/125/21

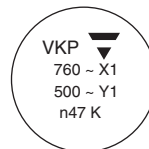
COATING:

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

TAPING AND SPECIAL LEAD CONFIGURATIONS:

On request

MARKING:



VKP 470 pF to 1.5 nF

VKP 2.2 nF to 4.7 nF

All approval marks are also shown on the label.



Ceramic AC Capacitors
Class X1, 760 V_{AC}/Class Y1, 500 V_{AC}

ORDERING INFORMATION, CERAMIC X1 / Y1 CAPACITORS VKP						
CAPACITANCE** (pF)	TOL. (%)	D x s (mm)	F ± 1* (mm)	d ± 0.05* (mm)	V ± 0.5* (mm)	ORDERING CODE
CLASS 2 K4000						
470	± 10 %	8.0 x 5.0	12.5	0.6	2.1	VKP471□CQ□□□KR
680		8.0 x 5.0				VKP681□CQ□□□KR
1000		9.0 x 5.0				VKP102□CQ□□□KR
1500		10.0 x 5.0				VKP152□CQ□□□KR
2200		12.0 x 5.0				VKP222□CQ□□□KR
2700	± 20 %	13.0 x 5.0	0.8			VKP272□CQ□□□KR
3300		15.0 x 5.0				VKP332□CQ□□□KR
3900		15.0 x 5.0				VKP392□CQ□□□KR
4700		17.0 x 5.0				VKP472□CQ□□□KR

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

** When capacitance values less than 470 pF are required, the usage of WKP series is recommended.

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	
Y1 - Capacitor: CB-Test Certificate: DE-1-11001-A1 X1 - Capacitor: CB-Test Certificate: DE-1-11001-A1 Minimum thickness of insulation: 0.4 mm				470 pF ... 4.7 nF	500 Vac	
Underwriters Laboratories Inc.				470 pF ... 4.7 nF	250 Vac	
UL 1414	Across-the-line, Antenna-coupling and Line-by-pass component.					
	Agency Files / Licences		E 183 844 V1 S5			
Canadian Standards Association						
CSA C22.2	Across-the-line, Antenna-coupling and Line-by-pass component.		470 pF ... 4.7 nF		250 Vac	
No 1-94	Agency Files / Licences		E 183 844 V1 S5			

ORDERING INFORMATION						
VKP	102	M	CQ	ED0	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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