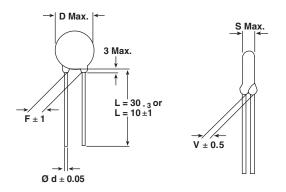
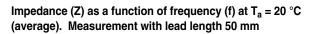
Vishay Draloric

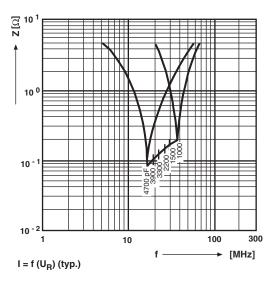


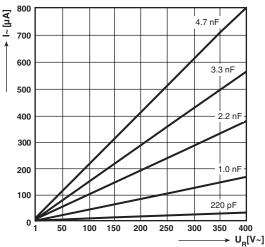
Ceramic AC Capacitors Class X1, 440 VAC/Class Y2, 300 VAC



• Dimensions in mm







DESIGN:

Disc capacitors with epoxy coating

RATED VOLTAGE UR:

(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 :

 $\leq 25 \bullet 10^{\text{-}3}$

INSULATION RESISTANCE Ris:

 \geq 6 • 10 9 Ω

CATEGORY TEMPERATURE RANGE 9_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:





VKO 1.0 nF to 1.5 nF

VKO 2.2 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

C X1	/ Y2	CAPACITORS	VKO

ORDERING INFORMATION, CERAMIC X1 / Y2 CAPACITORS VKO						
CAPACITANCE** (pF)	TOL. (%)	D x s (mm)	F ± 1* (mm)	d ± 0.05* (mm)	V ± 0.5* (mm)	ORDERING CODE
1000	± 10 % ± 20 %	7.0 x 4.5				VKO102CQCCKR
1500		8.0 x 4.0				VKO152CQCCCKR
2200		10.0 x 4.0	1.6	VKO222□CQ□□□KR		
3300		12.0 x 4.0	7.5	0.6	1.0	VKO332□CQ□□□KR
3900		13.5 x 4.5				VKO392□CQ□□□KR
4700		13.5 x 4.5				VKO472□CQ□□□KR

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

** When capacitance values less than 1000 pF are required, the usage of WKO 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			

APPROVA	LS					
	14 / 2 nd Issue (19 (1994) - Safety Te	93) incl. Am. 1 (1995 sts	i) - Safety Tests			
That approval	together with the CB	Test Certificate substitu	ites the national appr	oval 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	
	X1 - Capacito	r: CB-Test Certificate: r: CB-Test Certificate: mess of insulation: 0.4 r	DE-1-11439-A1 DE-1-11439-A1 nm	1 nF 4.7 nF 1 nF 4.7 nF	300 Vac 440 Vac	
Underwriters La	aboratories Inc.					
UL 1414	Line-by-pass co Agency Files / L	•	E 183 844 V1 S6	1 nF 4.7 nF	250 Vac	c FN us
Canadian Stand	dards Association					
CSA C22.2	Line-by-pass co	mponent.		1 nF 4.7 nF	250 Vac	B١,
No 1-98	Agency Files / L	icences	E 183 844 V1 S6			c AL us

ORDERING INFORMATION							
<u>VKO</u>	<u>102</u>	К	<u>CQ</u>	<u>TC0</u>	K	B	
SERIES	CAP. VALUE	TOLERANCE	RATED VOLTAGE	LEAD CONFIGURATION	INTERNAL CODE	RoHS COMPLIANT	



Vishay

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