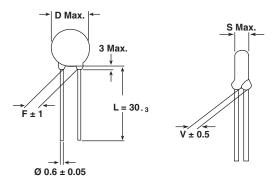
Vishay Draloric



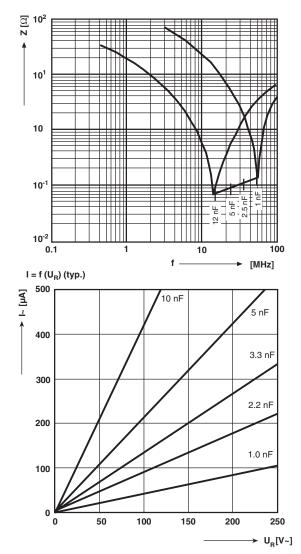
Ceramic AC Capacitors Class X1, 440 V_{AC}/Class Y2, 250 V_{AC}



• Dimensions in mm

Impedance (Z) as a function of frequency

(f) at $T_a = 20$ °C (average). Measurement with lead length 6 mm.



DESIGN:

Disc capacitors with epoxy coating

RATED VOLTAGE U_B:

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

DIELECTRIC STRENGTH BETWEEN LEADS:

Component test:

2500 V_{AC}, 50 Hz, 2 s, for parts with pitch \geq 7.5 mm As repeated test admissible only once with 2000 V_{AC} , 50 Hz, 2 s Random sampling test (destructive test): 1500 V_{AC} , 50 Hz, 60 s

DIELECTRIC STRENGTH OF BODY INSULATION:

2000 V_{AC}, 50 Hz, 60 s (destructive test)

DISSIPATION FACTOR tan δ :

 $\le 25 \bullet 10^{-3}$

INSULATION RESISTANCE Ris:

 \geq 6 • 10⁹ Ω

CATEGORY TEMPERATURE RANGE ϑ_A :

(- 40 to + 125) °C

CLIMATIC CATEGORY ACC. TO EN60068-1:

40/125/21

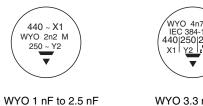
COATING:

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

TAPING AND SPECIAL LEAD CONFIGURATIONS:

On request

MARKING (EXAMPLE):





WYO 3.3 nF to 12 nF

All approval marks are also shown on the label.





$\begin{array}{c} \text{Ceramic AC Capacitors} \\ \text{Class X1, 440 } V_{\text{AC}} / \text{Class Y2, 250 } V_{\text{AC}} \end{array}$

Vishay Draloric

ORDERING INFORMATION, CERAMIC X1 / Y2 CAPACITORS WYO						
CAPACITANCE (pF)	TOL. (%)	D x s (mm)	F ± 1* (mm)	d ± 0.05* (mm)	V ± 0.5* (mm)	ORDERING CODE
1000	± 20 %	6.5 x 4.5		0.6		
1500		8.0 x 4.5				WYO152CMDDDKR
1800		8.0 x 4.5	5.0			WYO182CMDDDKR
2200		9.0 x 4.5			1.4	WYO222CMDDDKR
2500		9.0 x 4.5				WYO252CMDDDKR
3300		10.0 x 4.5				WYO332CMDDDKR
4700		12.0 x 4.5				WYO472□CM□□□KR
5000		12.0 x 4.5				WYO502□CM□□□KR
6800		17.0 x 4.5	7.5			WYO682□CM□□□KR
8200		17.0 x 4.5				WYO822DCMDDDKR
0.010 μF		21.0 x 4.5				WYO103CMDDDKR
0.012 μF		21.0 x 4.5				WYO123DCMDDDKR

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

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

APPROVALS							
	14 / 2 nd Issue (19 (1994) - Safety Te	93) incl. Am. 1 (1995 ests	i) - Safety Tests				
That approval	together with the CE	Test Certificate substitu	ites the national appi	roval 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: X1 - Capacitor: CB-Test Certificate: Minimum thickness of insulation: 0.4 mi			DE-1-11476-A1 DE-1-11148-A1 nm	1 nF 12 nF 1 nF 12 nF	250 Vac 440 Vac	DE	
Underwriters La	aboratories Inc.						
UL 1414	Line-by-pass co	mponent		1 nF 12 nF	250 Vac	A 7,	
	Agency Files / L	icences	E 183 844 V1 S2			c FL us	
Canadian Stan	dards Association						
CSA C22.2	Line-by-pass co	mponent		1 nF 12 nF	250 Vac		
No 1-98	Agency Files / L	icences	E 183 844 V1 S2			c RL us	

ORDERING INFORMATION							
<u>WYO</u>	<u>103</u>	<u>M</u>	<u>CM</u>	<u>CF0</u>	<u>K</u>	<u>R</u>	
SERIES	CAP. VALUE	TOLERANCE	RATED VOLTAGE	LEAD CONFIGURATION	INTERNAL CODE	RoHS COMPLIANT	



Vishay

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