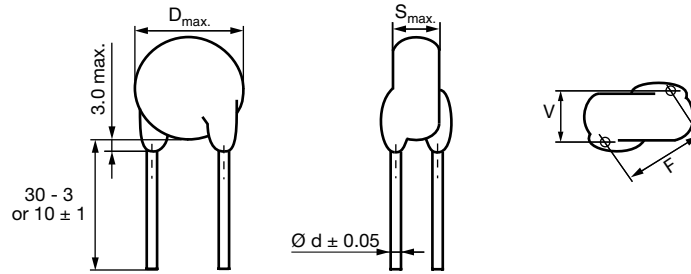


DIMENSIONS in millimeters

TECHNICAL DATA

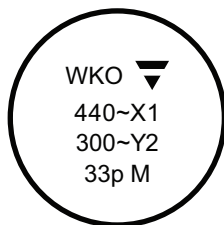
CAPACITANCE C (pF) ⁽²⁾	CAPACITANCE TOLERANCE	BODY DIAMETER D _{MAX.} (mm)	BODY THICKNESS S _{MAX.} (mm)	LEAD SPACING ⁽¹⁾ F (mm) ± 1 mm	LEAD DIAMETER ⁽¹⁾ d (mm) ± 0.05 mm	WIDTH ⁽¹⁾ V (mm) ± 0.5 mm	PART NUMBER MISSING DIGITS SEE ORDERING CODE BELOW	
N750 (U2J)								
33	± 10 %, ± 20 %	8.0	5.0	7.5	0.6	1.6	WKO330#CP###KR	
47							WKO470#CP###KR	
Y5S (2C3)								
68	± 10 %, ± 20 %	8.0	5.0	7.5	0.6	1.9	WKO680#CP###KR	
100							WKO101#CP###KR	
Y5T (2D3)								
150	± 10 %, ± 20 %	8.0	5.0	7.5	0.6	1.9	WKO151#CP###KR	
220							WKO221#CP###KR	
330							WKO331#CP###KR	
Y5U (2E3)								
470	± 10 %, ± 20 %	8.0	5.0	7.5	0.6	2.0	WKO471#CP###KR	
680		9.0					WKO681#CP###KR	
1000		10.0					WKO102#CP###KR	
1500		12.0					WKO152#CP###KR	
2200		13.0					WKO222#CP###KR	
3300		15.0		WKO332#CP###KR				
3900		16.0		WKO392#CP###KR				
4700		18.0		WKO472#CP###KR				
					12.5	0.8	1.6	

Notes

- (1) Standard lead configuration, other lead spacing and diameter available on request
 (2) Capacitance values from 1 nF to 4.7 nF: the alternative usage of VKO series is recommended for new application

ORDERING CODE

#	7 th digit	Capacitance tolerance	± 10 % = K, ± 20 % = M
##	10 th to 12 th digit	Lead configuration	see "General Information"
Example	WKO	222	M
	Series	Capacitance value	Tolerance code
			CP
			Voltage code
			CJ0
			Lead configuration
			K
			Internal code
			R
			RoHS compliant

MARKING


WKO 33 pF to 1.0 nF



WKO 1.5 nF to 4.7 nF

Type: WKO101MCPBRAKR
 Cap.: 100pF ±20%
 Ur.: 300/440VAC
 qty.: 1500
 IEC 60 384-14/2: Y2(300~), X1(440~)
 EN132400:125°C cµs
 H=18+2, F=5.0
 PN: WKO101MCPBRAKR
 LOT1: 033145 DC1: 1134
 LOT2: DC2:
 BATCH NO.: 201134CZ
 REGION: 7032 S.L.: 0010
 RoHS

APPROVALS

IEC 60384-14.4 - Safety tests

This approval together with CB test certificate substitutes all national approvals.

CB Certificate

Y2-capacitor: CB test certificate:

US-26157-UL

33 pF to 4.7 nF

 300 V_{AC}

X1-capacitor: CB test certificate:

US-26157-UL

33 pF to 4.7 nF

 440 V_{AC}

Minimum thickness of insulation: 0.4 mm


VDE

Y2-capacitor: VDE marks approval:

136820

33 pF to 4.7 nF

 300 V_{AC}

X1-capacitor: VDE marks approval:

136820

33 pF to 4.7 nF

 440 V_{AC}

DIN EN 60384-14 VDE 0565-1-1:2006-04 - Safety tests

Minimum thickness of insulation: 0.4 mm


Underwriters Laboratories Inc. / Canadian Standards Association

Y2-capacitor: UL-test certificate:

E183844

33 pF to 4.7 nF

 300 V_{AC}

X1-capacitor: UL-test certificate:

E183844

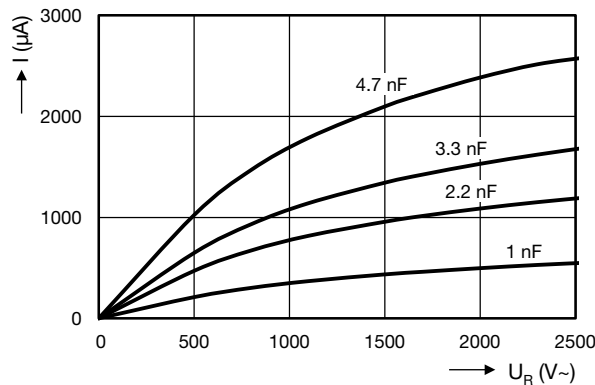
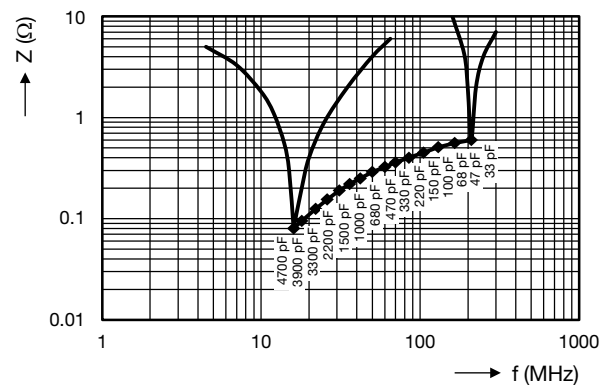
33 pF to 4.7 nF

 440 V_{AC}

 UL 60384-14.1, CSA E60384-1:03 2nd edition, CSA E60384-14:09 2nd edition

Across-the-line, antenna-coupling and line-by-pass component

Minimum thickness of insulation: 0.4 mm


LEAKAGE CURRENT VS. VOLTAGE (typical)

IMPEDANCE VS. FREQUENCY (typical)

RELATED DOCUMENTS

General Information	www.vishay.com/doc?22001
CB Test Certificate	www.vishay.com/doc?22217
VDE Marks Approval	www.vishay.com/doc?22219
UL Test Certificate	www.vishay.com/doc?22218



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