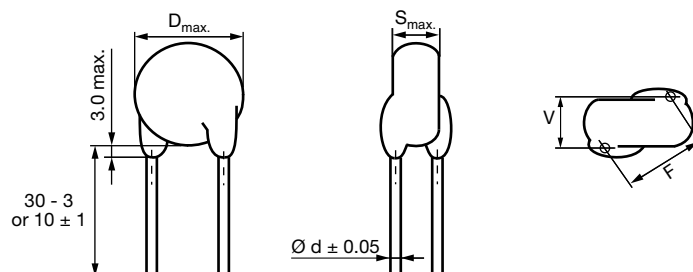


DIMENSIONS in millimeters

TECHNICAL DATA

CAPACITANCE ⁽²⁾ C (pF)	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	6.0	12.5	0.6	1.9	WKP330#CP###KR
Y5S (2C3)							
47	± 10 %, ± 20 %	8.0	6.0	12.5	0.6	2.3	WKP470#CP###KR
68							WKP680#CP###KR
100							WKP101#CP###KR
Y5T (2D3)							
150	± 10 %, ± 20 %	8.0	6.0	12.5	0.6	2.3	WKP151#CP###KR
220							WKP221#CP###KR
Y5U (2E3)							
330	± 10 %, ± 20 %	8.0	6.0	12.5	0.6	2.5	WKP331#CP###KR
470							WKP471#CP###KR
680		9.0					WKP681#CP###KR
1000		10.0			0.8	2.7	WKP102#CP###KR
1500		12.0					WKP152#CP###KR
2200		13.0					WKP222#CP###KR
3300		15.0					WKP332#CP###KR
3900		16.0					WKP392#CP###KR
4700		18.0					WKP472#CP###KR

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 smaller VKP 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	WKP	222	M
	Series	Capacitance value	Tolerance code
			CP
			Voltage code
			ED0
			Lead configuration
			K
			Internal code
			R
			RoHS compliant

MARKING

WKP 33 pF to 1.5 nF

WKP 2.2 nF to 4.7 nF

Type: WKP222MCPREKR
Cap.: 2200pF ±20%
Ur.: 500/760VAC
Qty.: 600
IEC 60 384-14/2: Y1(500~), X1(760~)
EN132400: 125°C c_{us}
H=18+2, F=12.5
PN: WKP222MCPREKR
LOT1: 032691 DC1: 1134
LOT2: DC2:
BATCH NO.: 201134CZ
REGION: 7032 S.L.: 0010
P0: 0031254565/0001 SN: 28032691B005

RoHS



APPROVALS

IEC 60384-14.4 - Safety tests

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

CB Certificate

Y1-capacitor: CB test certificate:

US-26549-UL

33 pF to 4.7 nF

500 V_{AC}

X1-capacitor: CB test certificate:

US-26549-UL

33 pF to 4.7 nF

760 V_{AC}

Minimum thickness of insulation: 0.4 mm



VDE

Y1-capacitor: VDE marks approval:

136493

33 pF to 4.7 nF

500 V_{AC}

X1-capacitor: VDE marks approval:

136493

33 pF to 4.7 nF

760 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

Y1-capacitor: UL-test certificate:

E183844

33 pF to 4.7 nF

500 V_{AC}

X1-capacitor: UL-test certificate:

E183844

33 pF to 4.7 nF

760 V_{AC}

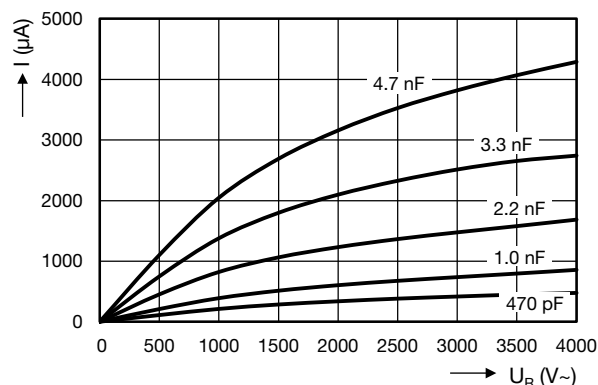
UL 60384-14.1, CSA E60384-1:03 2nd edition, CSA E60384-14:09 2nd edition

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

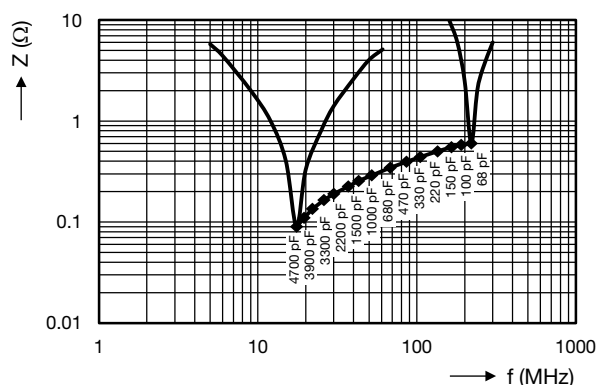
Minimum thickness of insulation: 0.4 mm



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?22214
VDE Marks Approval	www.vishay.com/doc?22216
UL Test Certificate	www.vishay.com/doc?22215



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