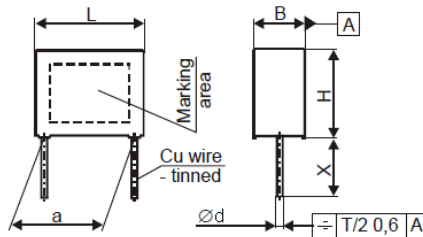


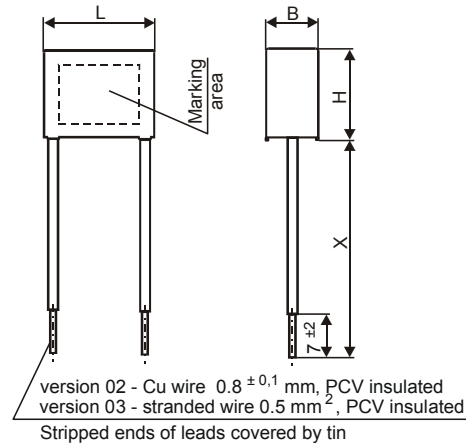
WXPDP

INTERFERENCE SUPPRESSION CAPACITORS OF CLASS X2 / 275VAC

WXPDP – version 00, 01



WXPDP – version 02,03



$\Phi d = 0,8 \pm 0,1 \text{ mm}$ for $0,1 \mu\text{F} \div 3,3 \mu\text{F}$
 $\Phi d = 1,0 \pm 0,1 \text{ mm}$ for $4,7 \mu\text{F} \div 10,0 \mu\text{F}$

Standard lead lengths

$X = 6 \pm 1$ mm for version 00

$X = 35 \pm 5$ mm for version 01; 02; 03

Different lead lengths can be available at request, subject to prior agreement with manufacturer.

APPLICATION

The WXPDP interference suppression capacitors of class X2 are designed to attenuate RFI signals in electronic / electrical equipment supplied with AC voltage not exceeding 275 V with the frequency of 50/60 Hz.

CONSTRUCTION

Non-inductive metallized polypropylene winding encapsulated in self-extinguishing material meeting the requirements of UL 94 V-0.

REQUIREMENTS

The WXPDP capacitors meet the requirements of EN 60384-14 standard for class X2.

This product fulfils the requirements of the RoHS Directive (2011/65/UE).

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WXPDP

INTERFERENCE SUPPRESSION CAPACITORS OF CLASS X2 / 275VAC

TECHNICAL DATA

- Rated voltage
 - 275 V~ 50/60 Hz
- Climatic category
 - 40/100/56/C
- Dissipation factor
 - $\leq 0,0010$ at $f = 10$ kHz 1V for $C = 0,1 \mu\text{F}$
 - $\leq 0,0050$ at $f = 10$ kHz 1V for $0,1 \mu\text{F} < C \leq 1,0 \mu\text{F}$
 - $\leq 0,0010$ at $f = 1$ kHz 1V for $1,0 \mu\text{F} < C \leq 2,2 \mu\text{F}$
 - $\leq 0,0050$ at $f = 1$ kHz 1V for $2,2 \mu\text{F} < C \leq 4,7 \mu\text{F}$
 - $\leq 0,0100$ at $f = 1$ kHz 1V for $C > 4,7 \mu\text{F}$
- Operating temperature
 - $+100^\circ\text{C}/275\text{V}\sim$
- Insulation resistance or RC constant
 - $\geq 30\ 000\ \text{M}\Omega$ for $C_R \leq 0,33 \mu\text{F}$
 - $\geq 10\ 000\text{s}$ for $0,33 \mu\text{F} < C \leq 2,2 \mu\text{F}$
 - $\geq 5\ 000\text{s}$ for $C > 2,2 \mu\text{F}$
- Production voltage test
 - The 100 % screening factory test is carried out at 1500 Vdc for 1s to 2s. All electrical characteristics are checked after the test.
- Capacitors comply with the standard
 - EN 60384-14

Code	Version	Rated capacitance	Dimensions			
			L $\pm 0,3$	H $\pm 0,3$	B $\pm 0,3$	a
-	-	μF	mm	mm	mm	mm
WXPDP-104K or M	00; 01; 02; 03	0,10	18	14,0	5,5	$15,0^{\pm 0,5}$
WXPDP-154K or M		12,5		6,5		
WXPDP-224K or M		13,5		7,5		
WXPDP-274K or M		14,5		8,5		
WXPDP-334K or M		17,0		8,5		
WXPDP-474K or M		0,47	26,5	15,5	7,5	$22,5^{\pm 0,7}$
WXPDP-564K or M		0,56		16,5	8,5	
WXPDP-684K or M		0,68		18,5	10,5	
WXPDP-105K or M		1,0		18,5	10,5	
WXPDP-105K or M		1,0	31,5	20,5	11,5	$27,5^{\pm 0,7}$
WXPDP-155K or M		1,5		23,5	13,5	
WXPDP-225K or M		2,2		24,5	15,0	
WXPDP-335K or M		3,3	41,5	28,5	16,0	$37,5^{\pm 0,7}$
WXPDP-475K or M		4,7		33,0	18,0	
WXPDP-685K or M		6,8		33,0	18,0	
WXPDP-825K or M		8,2		38,0	21,0	
WXPDP-106K lub M		10,0	42,5	38,0	21,0	

Capacitance tolerance:

- K $\rightarrow \pm 10\%$
- M $\rightarrow \pm 20\%$

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