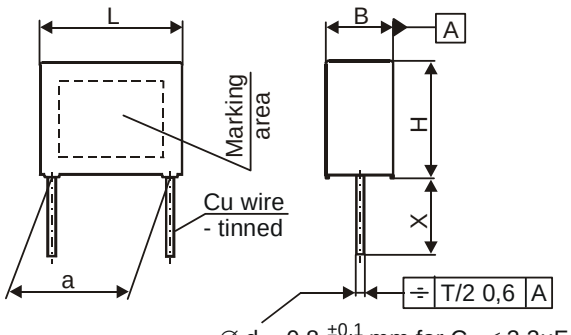
WXPC

INTERFERENCE SUPPRESSION CAPACITORS OF CLASS X2 / 300 VAC

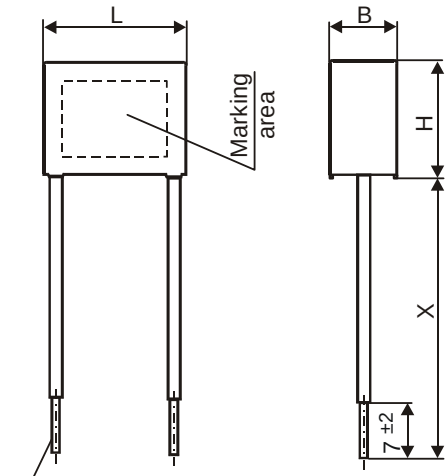
WXPC – version 00, 01



∅ d = 0.8 $^{\pm 0,1}$ mm for $C_R \leq 3.3\mu F$
∅ d = 1.0 $^{\pm 0,1}$ mm for $C_R \geq 4.7\mu F$

X = 6 $^{\pm 1}$ mm for version 00
X = 35 $^{\pm 5}$ mm for version 01; 02; 03

WXPC – version 02,03



version 02 - Cu wire 0.8 $^{\pm 0,1}$ mm, PCV insulated
version 03 - stranded wire 0.5 mm ^{2}, PCV insulated
Stripped ends of leads covered by tin

APPLICATION

The WXPC interference suppression capacitors of class X2 are designed to attenuate RFI signals in electronic / electrical equipment supplied with AC voltage not exceeding 300 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 WXPC capacitors meet the requirements of EN 60384-14 standard for class X2.
This product fulfils the requirements of the RoHS Directive (2002/95/EC).

TECHNICAL DATA

– Rated voltage	– 300 Vac 50/60Hz
– Dissipation factor	– ≤ 0,005 at f = 1 kHz for C ≤ 4,7 µF
	– ≤ 0,010 at f = 1 kHz for C > 4,7 µF
– Insulation resistance (Test A)	– ≥ 5000 MΩ x µF
– Production voltage test	– The 100 % screening factory test is carried out at 1600 Vdc per 1 sec. All electrical characteristics are checked after the test.
– Voltage change rate [du/dt]	– 100 V/µs
– Climatic category	– 40/100/56/C
– Standard	– WT-04/MIFLEX/WXP + App. No 3

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INTERFERENCE SUPPRESSION CAPACITORS OF CLASS X2 / 300 VAC

Code	Rated capacitance	Rated voltage	Dimensions				VDE
			$L^{\pm 1,0}$	$H^{\pm 0,5}$	$B^{\pm 0,5}$	$a^{\pm 0,7}$	EN 60384-14 300 Vac
	µF	V~	mm	mm	mm	mm	
WXPC-225K lub M	2,2	300	41,5	28,5	16,0	37,5	•
WXPC-335K lub M	3,3			33,0	18,0		•
WXPC-475K lub M	4,7		42,5	38,0	21,0		•
WXPC-685M	6,8						•
WXPC-106M	10,0			45,0	30,5		

Capacitance tolerance:
– K → ± 10 %
– M → ± 20 %

Approvals in use = •

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