



**EPCOS**

Sample Kit 2009



# Ring Core Chokes for Power Lines

Series B82721

[www.epcos.com](http://www.epcos.com)

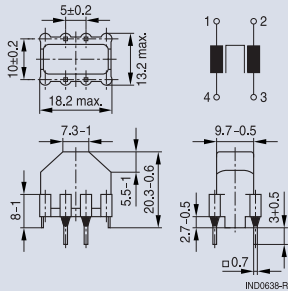
## Series B82721

$L_R$	mH	<b>39</b>	<b>27</b>	<b>27</b>	<b>10</b>	<b>6.8</b>	<b>3.3</b>	<b>1</b>	<b>0.7</b>	<b>0.4</b>	<b>0.2</b>
$I_R$	A	0.4	0.5	0.4	0.7	1.2	1.5	2.0	4.0	3.6	6.0
$L_{\text{stray, typ}}$	$\mu\text{H}$	450	290	300	110	80	37	13	7	6	2.5
$R_{\text{typ}}$	$\text{m}\Omega$	2000	1100	1700	550	280	180	80	30	35	15
$T_R$	$^{\circ}\text{C}$	40	60	40	60	40	40	40	40	40	40
UL/VEDE		yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Ordering code	B82721	A/K2401N020	K2501N022	A/K2401N021	A/K2701N020	A/K2122N020	A/K2152N001	A/K2202N001	A/K2402N020	A/K2362N001	K2602N020

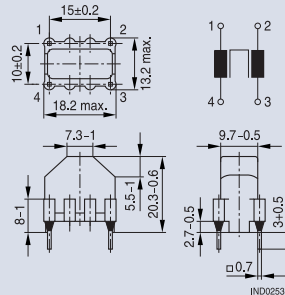
- Rated current:  $I_R$  at 50 Hz and  $T_R$
- Rated voltage: 250 V AC (50/60 Hz)
- Higher inductance or intermediate values possible upon request
- Approx. 1% stray inductance for symmetrical interference suppression
- Higher rated current  $I_R$  available with series B82722 ... B82726
- Vertical version with lead spacing 5 x 10 mm available (B82721J\*)

## Dimensional drawings and pin configurations

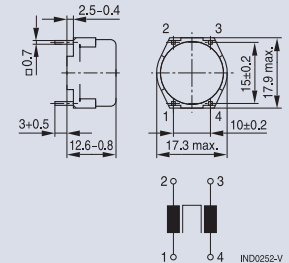
### Vertical version (B82721J)



### Vertical version (B82721K)

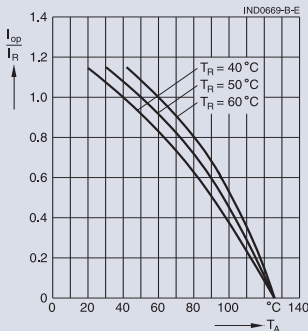


### Horizontal version (B82721A)

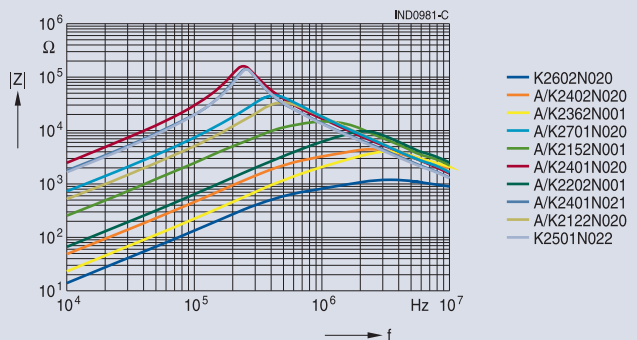


Tolerances to ISO 2768-C unless otherwise noted. Dimensions in mm.

## Current derating $I_{op}/I_R$ versus temperature T



## Impedance $|Z|$ versus frequency f



- K2602N020
- A/K2402N020
- A/K2362N001
- A/K2701N020
- A/K2152N001
- A/K2401N020
- A/K2202N001
- A/K2401N021
- A/K2122N020
- K2501N022

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Authorized Distributor

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