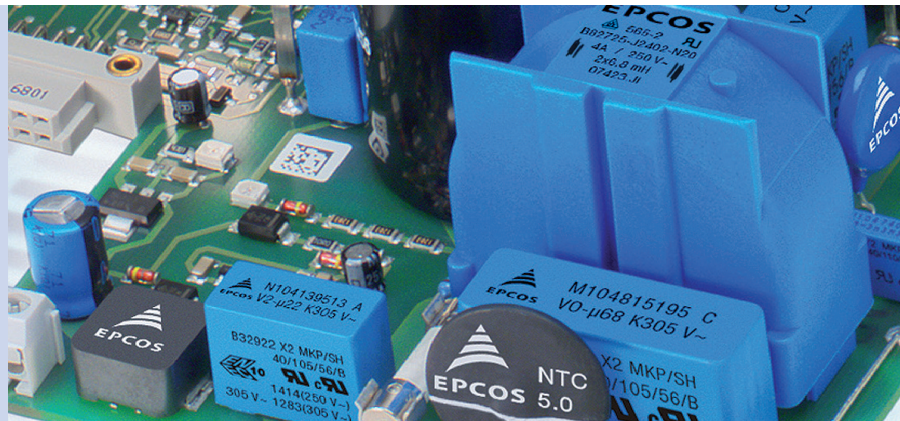


EPCOS Sample Kit 2014

# Ring Core Chokes for Power Lines

Series B82723



# Ring Core Chokes for Power Lines

RoHS  
compatible

## Series B82723

|                         |                    |             |             |             |             |             |
|-------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|
| $L_R$                   | mH                 | 56          | 27          | 5.6         | 2.7         | 0.45        |
| $I_R$                   | A                  | 0.5         | 1           | 2           | 4           | 8           |
| $L_{\text{stray, typ}}$ | $\mu\text{H}$      | 800         | 440         | 70          | 30          | 5           |
| $R_{\text{typ}}$        | $\text{m}\Omega$   | 2100        | 750         | 160         | 60          | 11          |
| $T_R$                   | $^{\circ}\text{C}$ | 60          | 60          | 60          | 60          | 60          |
| UL <sup>1)</sup> /VDE   |                    | Yes         | Yes         | Yes         | Yes         | Pending     |
| Ordering code           | B82723             | A/J2501N001 | A/J2102N001 | A/J2202N001 | A/J2402N001 | A/J2802N001 |

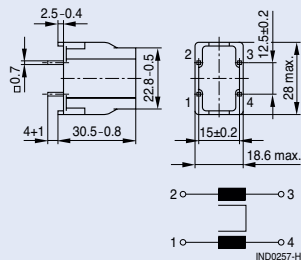
- Rated current:  $I_R$  at 50 Hz and  $T_R$
- Rated voltage: 250 V AC (50/60 Hz)
- Higher inductance or intermediate values possible upon request

- Approx. 1% stray inductance for symmetrical interference suppression
- Higher rated current  $I_R$  available with series B82724 ... B82726

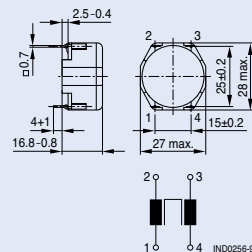
<sup>1)</sup> UL approval with 300 V AC

## Dimensional drawings and pin configurations

Vertical version (B82723J)

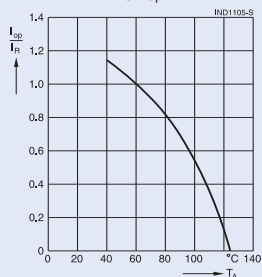


Horizontal version (B82723A)

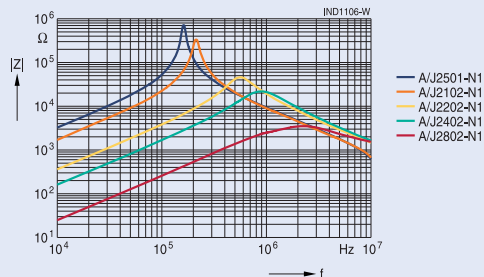


Tolerances to ISO 2768-C unless otherwise noted. Dimensions in mm.

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



## Impedance $|Z|$ versus frequency $f$



**Important information:** It is incumbent on the customer to check and decide whether a product is suitable for use in a particular application. Our products are described in detail in our data sheets. Our *Important notes* and the product-specific *Cautions and warnings* must be observed. All relevant information is available through our sales offices.