



Chokes for Power Lines

B82720-A

Current-Compensated Ring Core Double Chokes

B82720-K

**Rated voltage 250 Vac**  
**Rated current 0,3 to 2,0 A**  
**Rated inductance 1,1 to 12 mH**

#### Construction

- Current-compensated ring core double choke with ferrite core
- Polycarbonate case
- Polyurethane potting
- Sector winding

#### Features

- Vertical and horizontal versions
- Case and potting flame-retardant as per UL 94 V-0
- Approx. 0,8 % stray inductance for symmetrical interference suppression

#### Applications

- Compact and narrow electronic ballasts in lamps (T2 lamps)
- Compact, modular and desktop power supplies
- Automation, compact power supplies up to 2 A

#### Terminals

- Pins 0,5 × 0,5 mm
- Pins fitting standard PCB grid

#### Marking

Manufacturer, ordering code, rated current, rated voltage, rated inductance, graphic symbol, date of manufacture





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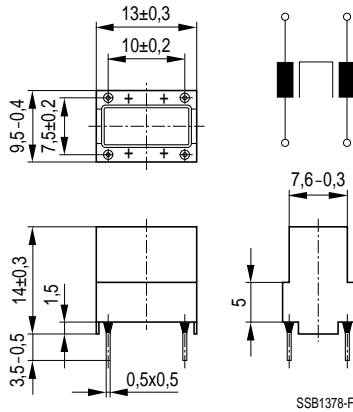
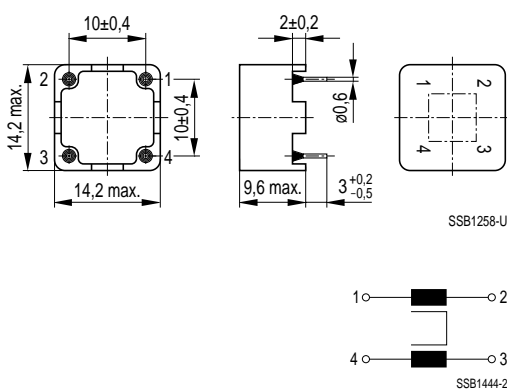
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**Dimensional drawing and pin configuration**

Horizontal version (B82720-A)

Vertical version (B82720-K)



**General technical data**

Test voltage $V_T$	1500 Vac, 2 s (line/line)
Rated current $I_R$	Referred to 50 Hz and 40 °C ambient temperature
Inductance tolerance	- 30/+ 50 %
Weight	Approx. 2,5 g

For further technical data [see page 334](#)

**Characteristics and ordering codes**

$I_R$ A	$L_R$ mH	$L_{S, typ}$ μH	$R_{typ}$ mΩ	Ordering code	
				horizontal version	vertical version
0,3	12	90	1150	B82720-A2301-N40	B82720-K2301-N40
0,6	4,4	32	430	B82720-A2601-N40	B82720-K2601-N40
1,0	3,0	24	230	B82720-A2102-N40	B82720-K2102-N40
2,0	1,1	7	70	B82720-A2202-N40	B82720-K2202-N40



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Impedance  $|Z|$  versus frequency  $f$   
(measured with windings in parallel)

