



Chokes for Power Lines

Series/Type: **B82991S*N11**

The following products presented in this data sheet are being withdrawn.

Ordering Code	Substitute Product	Date of Withdrawal	Deadline Last Orders	Last Shipments
B82991S2901N011		2003-06-27	2003-10-01	2003-12-31

For further information please contact your nearest EPCOS sales office, which will also support you in selecting a suitable substitute. The addresses of our worldwide sales network are presented at www.epcos.com/sales.

Rated voltage 250 Vac / 350 Vdc

Rated inductance 42 mH

Rated current 0,9 A

Construction

- Single choke with closed, laminated iron core
- Closed polyamid coil former with 1 section
- Without encapsulation
- 1-section winding
- Creepage distances and clearances ≥ 1 mm
- Vacuum impregnated

Features

- Coil former flame-retardant as per UL 94-V0
- Low leakage due to closed core shape
- Low whirring noise

Applications

- Reduction of harmonics in entertainment electronics
- SMPS for TV sets

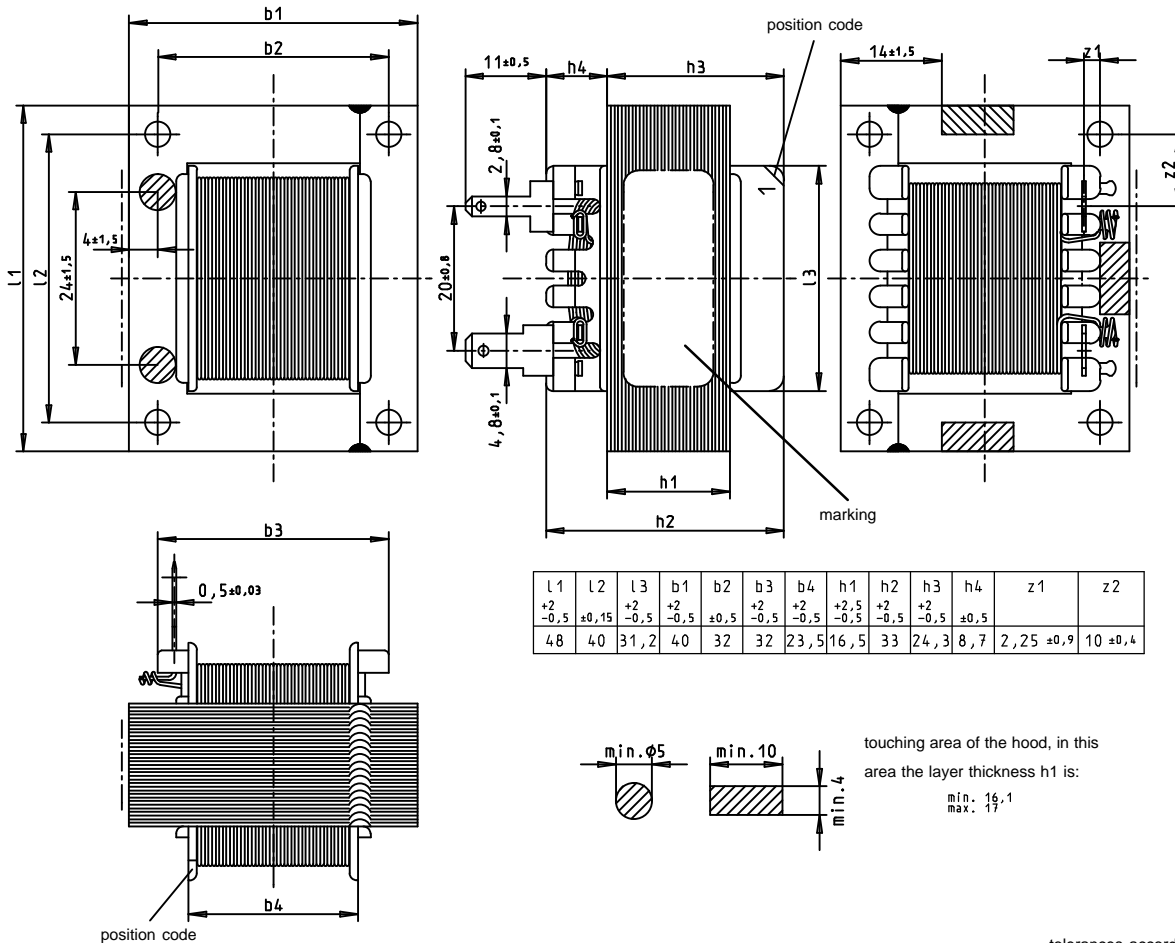
Terminals

- AMP/Faston connectors

Marking

Manufacturer, ordering code, rated inductance, rated current, date of manufacture

Dimensional drawing



tolerances according DIN/ISO 2768-c

Technical data

Rated voltage U_R	250 Vac / 350 Vdc
Rated current I_R	referred to 50/60 Hz and 60 °C ambient temperature, for derating see below
Rated inductance L_R	measured with HP 4284A at 1 kHz, 10 mA
Inductance tolerance	+45 -15 %
Ambient temperature	-25 °C to 125 °C
Creepage distance	min. 1 mm (coil-core)
DC resistance R_{typ}	typical value, measured at 20 °C ambient temperature

Characteristics and ordering code

L_R mH	I_R A	R_{typ} m Ω	Weight approx. g	Ordering-code
42	0,9	2500	240	B82991-S2901-N11

Current derating

Current derating I_{op}/I_R
 versus ambient temperature T_A
 (Rated temperature $T_R = 60^\circ\text{C}$)

