

**Ring Core Chokes with Iron Powder Core**
**Rated voltage 250 Vac/ 350 Vdc**
**Rated current 1 A to 6 A**
**Rated inductance 25 to 800  $\mu$ H**
**Construction**

- Ring core double choke with iron powder core
- Plastic case
- Complete resin potting


**Features**

- Case and potting flame-retardant as per UL 94 V-0
- High differential-mode attenuation
- Low stray inductance

**Applications**

- Attenuation of differential-mode interference
  - in entertainment electronics
  - in industrial machines


**Terminals**

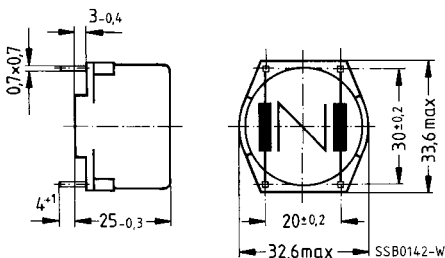
- Pins fitting standard PCB grid

**Marking**

Ordering code, rated inductance, rated voltage, rated current, dc resistance, manufacturer, date of manufacture

**Approvals**

Approval marks	Standards
	VDE 0565-2 UL 1283

**Dimensional drawing**


**General technical data**

Inductance tolerance	$\pm 20 \%$
Rated current $I_R$	Referred to 50 Hz and + 40 °C ambient temperature
DC resistance $R_{typ}$	Typical value, measured at + 20 °C ambient temperature
Climatic category	In accordance with IEC 60068-1 40/125/56 (– 40 °C/+ 125 °C/56 days damp heat test)
Weight	Approx. 43 g

For further technical data [see page 315](#)

**Characteristics and ordering codes**

$I_R$ A	$L_R$ $\mu\text{H}$	$R_{typ}$ $\Omega$	Ordering code
1	800	1,0	B82624-B2102-N1
2	200	0,25	B82624-B2202-N1
3	100	0,12	B82624-B2302-N1
4	50	0,06	B82624-B2402-N1
5	40	0,045	B82624-B2502-N1
6	25	0,035	B82624-B2602-N1

**Impedance  $|Z|$   
versus frequency  $f$** 

B82624-

