

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 μ 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

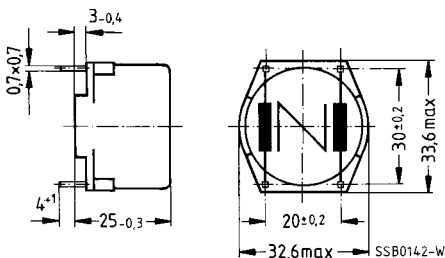
- Pins fitting standard PCB grid

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


Ring Core Chokes with Iron Powder Core
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 μH	R_{typ} Ω	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-

