

**Ring Core Chokes with Iron Powder Core**
**Rated voltage 250 Vac / 350 Vdc**
**Rated current 0,3 A to 3 A**
**Rated inductance 0,033 to 1,2 mH**
**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**

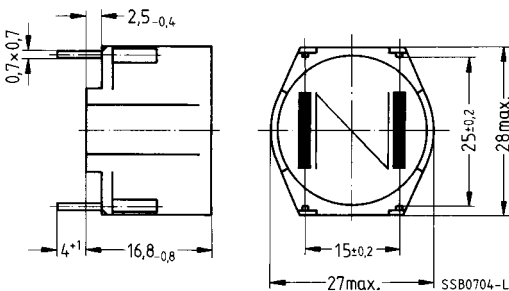
- Pins fitting standard PCB grid

**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. 15 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
0,3	1200	2,1	B82623-G1-A3
0,5	1000	1,2	B82623-G1-A5
1	330	0,44	B82623-G1-A8
2	82	0,11	B82623-G1-A10
3	33	0,04	B82623-G1-A11

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

B82623-G1-

