

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

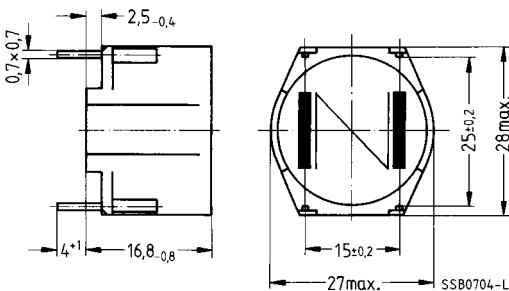
- Pins fitting standard PCB grid

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 μH | R_{typ} Ω | 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-

