

Chokes for Data and Signal Lines Double Chokes

B82791-G15
B82791-H15

Rated voltage 42 Vac/80 Vdc
Rated current 0,1 A
Rated inductance 2,2 to 38 mH

Construction

- Current-compensated ring core double choke with ferrite core
- Plastic case



Features

- Vertical or horizontal version
- Case flame-retardant as per UL 94 V-0

Applications

- Suppression of asymmetrical interference coupled in on data lines, already effective at 10 kHz, e.g. in
 - telephone lines (analog, ISDN)
 - interfaces with balanced-to-ground data transmission
 - EIB bus
 - automation engineering

Terminals

- Pins fitting standard PCB grid

Marking

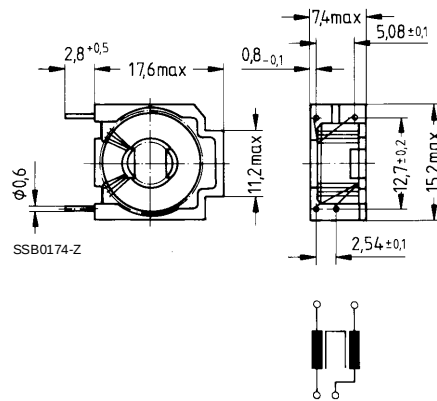
Ordering code, rated inductance
manufacturer, date code

Chokes for Data and Signal Lines Double Chokes

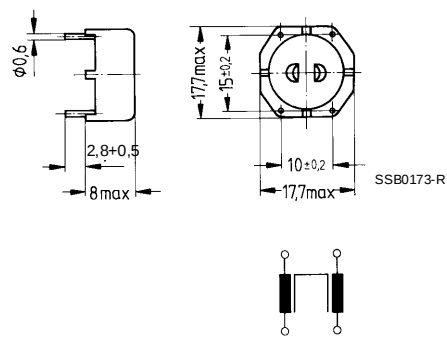
B82791-G15
B82791-H15

Outline drawing

Vertical version
B82791-H15



Horizontal version
B82791-G15



Technical data

Inductance tolerance	± 30 % for -G15-A16 and -H15-A16: + 35 %/– 25 %
DC resistance R_{typ}	Typical value, measured at 20 °C ambient temperature
Weight	approx. 4 g

For further technical data [see page 131](#).

Characteristics and ordering codes

L_R mH	L_{Smax} μH	V_P Vdc, 2 s	R_{typ} mΩ	Ordering code
38	3,5	750	3300	B82791-G15-A14
10	2,5	1200	1300	B82791-H15-A25
4,7	1,5	1200	900	B82791-G15-A16
4,7	1,5	1200	900	B82791-H15-A16
2,2	1,0	1200	400	B82791-G15-A17

Impedance $|Z|$
 versus frequency f
 B82791-

