

Double chokes

Rated voltage 42 VAC/80 VDC
Rated current 0.2 to 0.7 A
Rated inductance 4.7 to 68 mH


Construction

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

Features

- Case flame-retardant as per UL 94 V-0
- Suitable for automatic insertion

Applications

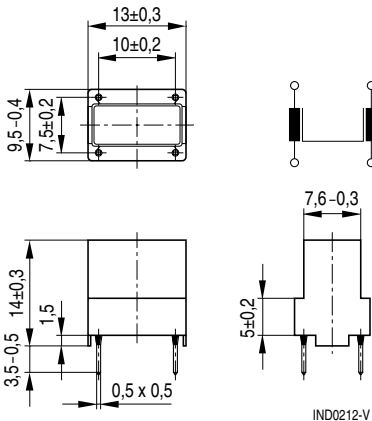
- Telecom switching systems
- Terminal systems
- Measuring and control lines

Terminals

- Pins fitting standard PCB grid

Marking

Ordering code, rated inductance, manufacturer, date of manufacture (month, year)

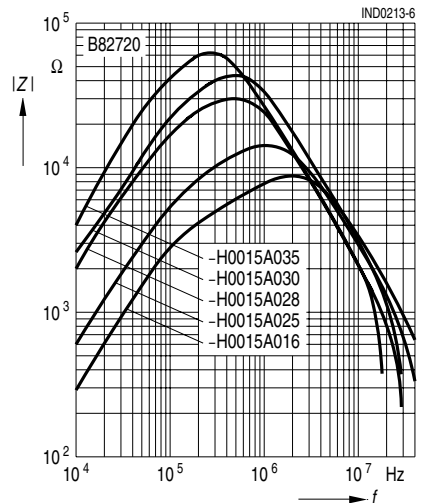
Dimensional drawing


Double chokes
General technical data

Rated voltage V_R	42 VAC (50/60 Hz); 80 VDC
Rated current I_R	Referred to 50 Hz and 60 °C ambient temperature
Rated inductance L_R	Measured with HP 4275A at 10 kHz and 0.1 mA (specified per winding)
Inductance tolerance	-30%/+50%
Inductance decrease $\Delta L/L_0$	<10% at DC magnetic bias with I_R
Stray inductance L_S	Measured at 10 kHz and 5 mA
DC resistance R_{typ}	Typical values, measured at 20 °C ambient temperature
Climatic category	40/125/56 (-40 °C/+125 °C/56 days damp heat test) in accordance with IEC 60068-1
Weight	Approx. 2 g

Characteristics and ordering codes

L_R mH	L_S, typ μ H	I_R mA	R_{typ} Ω	V_{test} VDC, 2 s	Ordering code
4.7	0.9	700	0.5	750	B82720H0015A016
10	1.2	600	0.7	750	B82720H0015A025
28	1.8	400	1.2	750	B82720H0015A028
47	2.0	300	2.7	750	B82720H0015A030
68	3.0	200	3.3	750	B82720H0015A035

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


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☎ ++49 89 636 09, FAX (0 89) 636-2 26 89

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