

**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**

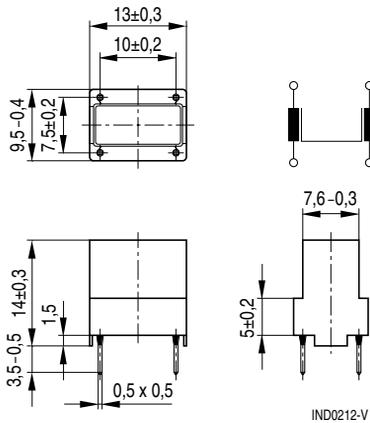
- Telecom switching systems
- Terminal systems
- Measuring and control lines

**Terminals**

- Pins fitting standard PCB grid

**Marking**

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

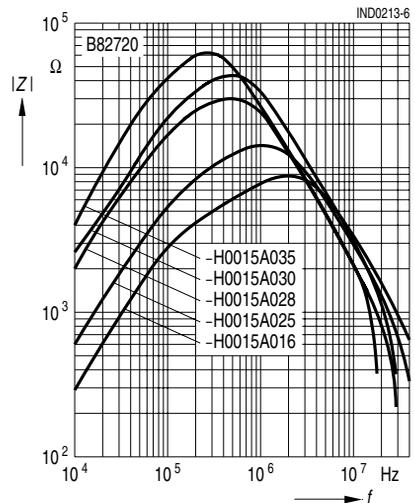
**Dimensional drawing**


**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	$L_S, typ$ $\mu$ H	$I_R$ mA	$R_{typ}$ $\Omega$	$V_{test}$ 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  $f$** 


**Published by EPCOS AG**

**Corporate Communications, P.O. Box 80 17 09, 81617 Munich, GERMANY**

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This brochure replaces the previous edition.

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