

Quad chokes

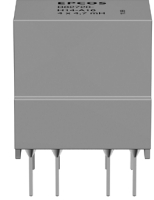
Rated voltage 42 VAC/80 VDC

Rated current 0.2 to 0.3 A

Rated inductance 4.7 to 10 mH

Construction

- Current-compensated ring core quad 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

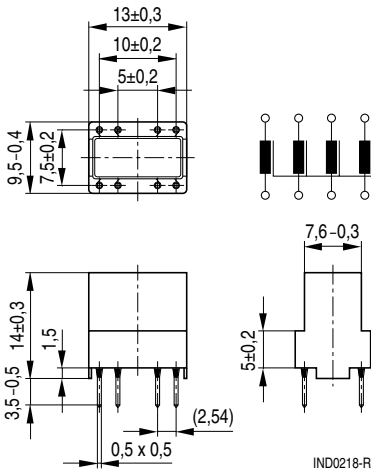
Terminals

- Pins fitting standard PCB grid

Marking

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

Dimensional drawing



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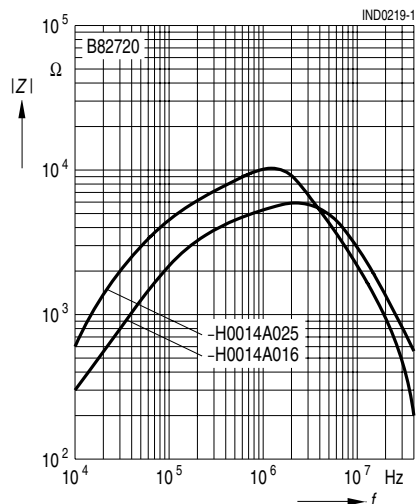
General technical data

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_T VDC, 2 s	Ordering code
4.7	0.9	300	0.9	750	B82720H0014A016
10	1.1	200	1.3	750	B82720H0014A025

Impedance $|Z|$ versus frequency f



Published by EPCOS AG

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

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