

## 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

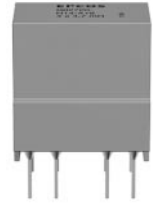
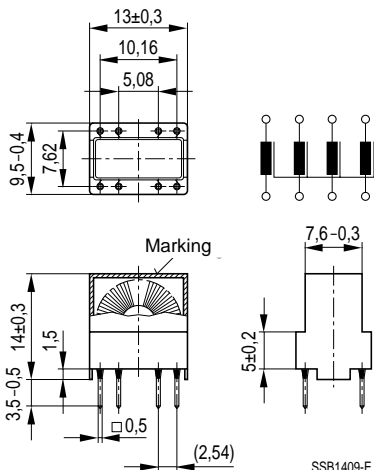
### Terminals

- Pins fitting standard PCB grid

### Marking

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

### Dimensional drawing



## Quad 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	$L_{S, typ}$ μH	$I_R$ mA	$R_{typ}$ Ω	$V_T$ Vdc, 2 s	Ordering code
4,7	0,9	300	0,9	750	B82720-H14-A16
10	1,1	200	1,3	750	B82720-H14-A25

### Impedance $|Z|$ versus frequency $f$

