

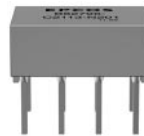


## Chokes for Data and Signal Lines

B82796-C2

### Quad Chokes

Rated voltage 42 Vac/80 Vdc  
Rated current 100 to 200 mA  
Rated inductance 0,011 to 2,2 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

- Suppression of asymmetrical interference coupled in on lines, whereas data signals up to some MHz can pass unaffectedly

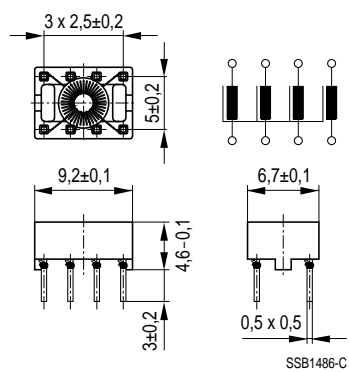
#### Terminals

- Pins fitting standard PCB grid

#### Marking

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

#### Dimensional drawing




**Chokes for Data and Signal Lines**
**B82796-C2**
**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; Measured frequency for $L \leq 1$ mH = 100 kHz, 0,1 mA $L > 1$ mH = 10 kHz, 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 100 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. 0,4 g

**Characteristics and ordering codes**

$L_R$ mH	$L_S, typ$ nH	$I_R$ mA	$R_{typ}$ $\Omega$	$V_T$ Vdc, 2 s	Ordering code
0,011	50	200	0,12	750	B82796-C2113-N201
0,047	100	150	0,15	750	B82796-C2473-N201
0,47	200	100	0,35	750	B82796-C2474-N215
2,2	250	100	0,40	750	B82796-C2225-N265