

**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**

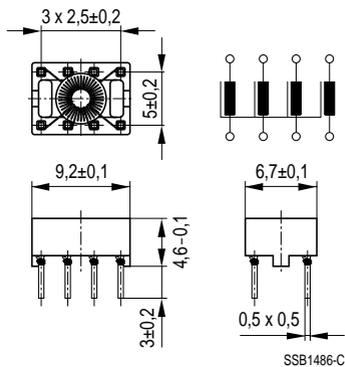
- Suppression of asymmetrical interference coupled in on lines, whereas data signals up to some MHz can pass unaffectedly

**Terminals**

- Pins fitting standard PCB grid

**Marking**

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

**Dimensional drawing**


**Quad Chokes**
**General technical data**

|                                    |   |
|------------------------------------|---|
| Rated voltage $V_R$                | 42 Vac (50/60 Hz)<br>80 Vdc   |
| Rated current $I_R$                | Referred to 50 Hz and 60 °C ambient temperature   |
| Rated inductance $L_R$             | Measured with HP 4275A;<br>Measured frequency for $L \leq 1$ mH = 100 kHz, 0,1 mA<br>$L > 1$ mH = 10 kHz, 0,1 mA<br>(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)<br>in accordance with IEC 60068-1   |
| Weight                             | Approx. 0,4 g   |

**Characteristics and ordering codes**

| $L_R$<br>mH | $L_{S, typ}$<br>nH | $I_R$<br>mA | $R_{typ}$<br>$\Omega$ | $V_T$<br>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 |