

Chokes for Data and Signal Lines

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

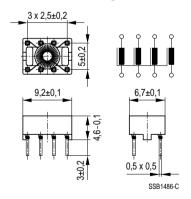
Terminals

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

42 Vac (50/60 Hz) 80 Vdc		
Referred to 50 Hz and 60 °C ambient temperature		
Measured with HP 4275A; Measured frequency for $L \le 1$ mH = 100 kHz, 0,1 mA L > 1 mH = 10 kHz, 0,1 mA (specified per winding)		
- 30 %/+ 50 %		
< 10 % at dc magnetic bias with I _R		
Measured at 100 kHz and 5 mA		
Typical values, measured at 20 °C ambient temperature		
40/125/56 (- 40 °C/+ 125 °C/56 days damp heat test) in accordance with IEC 60068-1		
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