

Double Chokes

Rated voltage 42 Vac/80 Vdc
Rated current 150 to 500 mA
Rated inductance 4,7 to 47 mH



Construction

- Current-compensated ring core double choke with ferrite core
- Bifilar winding

Features

- Case flame-retardant as per UL 94 V-0

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

Manufacturer, ordering code,
date of manufacture (coded)

Double Chokes
General technical data

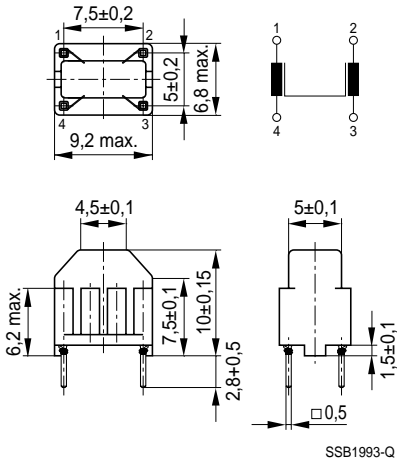
Rated voltage V_R	42 Vac (50/60 Hz) 80 Vdc
Rated current I_R	Referred to 50 Hz and 40 °C ambient temperature
Rated inductance L_R	Measured with HP 4275A at 10 kHz and 50 mV (specified per winding)
Inductance tolerance	- 30/+ 50 %
Inductance decrease $\Delta L/L_0$	< 10 % at dc magnetic bias with I_R
Stray inductance L_S	Measured with HP 4275A at 100 kHz and 250 mV
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) acc. to IEC 60068-1
Weight	Approx. 1,5 g

Characteristics and ordering codes

L_R mH	$L_{S, typ}$ μ H	I_R mA	R_{typ} Ω	V_p V-, 2 s	Ordering code
4,7	0,5	500	0,4	750	B82719-C0475-N365
6,8	0,5	400	0,5	750	B82719-C0685-N365
10	0,6	300	1,1	750	B82719-C0106-N365
22	0,8	250	1,7	750	B82719-C0226-N365
33	1,5	200	2,1	750	B82719-C0336-N365
47	1,7	150	2,8	750	B82719-C0476-N365

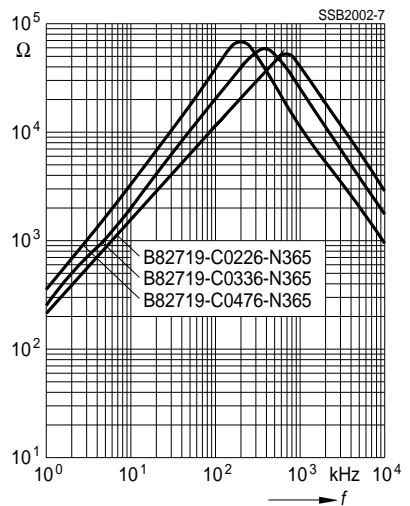
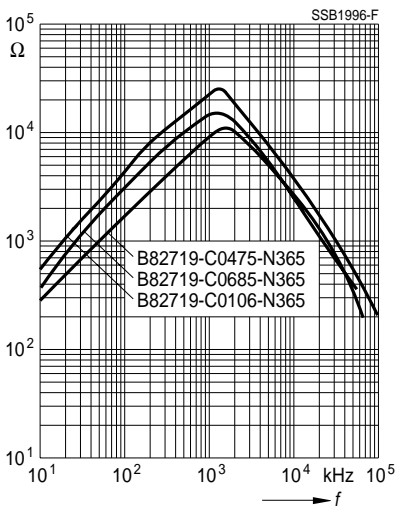
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Dimensional drawing



Impedance $|Z|$

versus frequency f



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