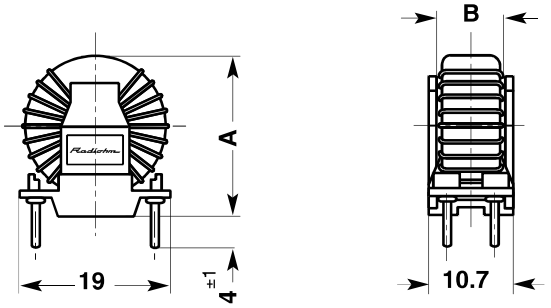
SOCKET VERSION
Vertical mounting

Voltage 250 Vac
Current 0.3 to 3 A

These chokes are fitted with high-permeability toroid core (ferrite). They are mainly used in devices equipped with switched-mode power supplies, and in filters designed to prevent both the spread of parasitic noise within the device, and the effects of line noise on the device itself.



32V12 SV1P
32V16 SV1P
Vertical mounting

Dimensions in mm
Pins are tinned

viewed on
component side

o Pins
• Start of winding

TYPES

Code	Rated current per winding A	Rated inductance per winding mH	DC resistance per winding typical m Ω	Dimensions mm		Overall dimensions on PCB max.	Approx. weight g	Approval
				A max.	B max.			
32V12 05 00 SV1P	0.5	18	940	21	7.5	20 x 11	8	
32V12 10 00 SV1P	1	6.8	400	21	7.5	20 x 11	8	VDE
32V12 20 00 SV1P	2	3.9	160					
32V12 25 00 SV1P	2.5	2.7	100					
32V12 30 00 SV1P	3	1	50					
32V16 03 00 SV1P	0.3	47	1400	23	9	22 x 11	10	VDE
32V16 05 00 SV1P	0.5	27	1200					
32V16 10 00 SV1P	1	10	450					
32V16 20 00 SV1P	2	2.2	70					

Table shows the standard types. Other types can be supplied according to customer's specifications.

Technical Data

Rated current:	referred to 250 V-50 Hz and +60°C ambient temperature
Rated inductance:	at +20°C and 10 kHz, 0.1 mA.
Inductance tolerance:	+50 -30%
Inductance loss:	< 10% at DC initial loading with I^R
Testing voltage:	1500 V -50 Hz, 2 sec, winding to winding
Climatic category:	DIN GKC (-40 to +125°C; humidity cat. C)
DC resistance:	at +20°C
Derating operating current:	at +120°C ambient temperature I=0
Overtemperature of windings:	< 55°C
Max. permissible temperature of windings:	115 °C

VDE Approval VDE

The chokes are designed and tested in accordance with EN 138100, EN 60938-1
The socket is of flame-retardant plastic material in accordance with UL 94V-0