

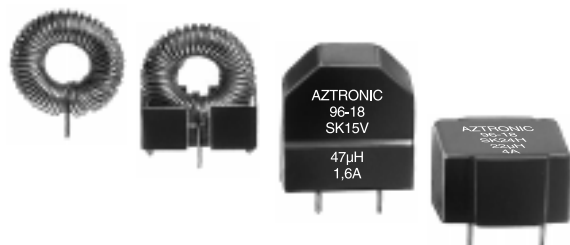


SK15

N
E
V
H

high current toroidal inductors

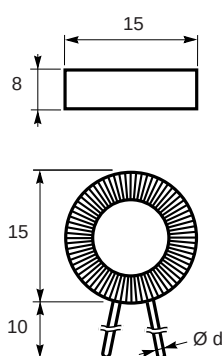
- EMI / RFI noise suppression
- switching power supplies and output chokes



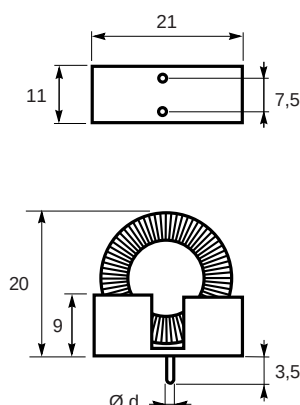
SK series inductors have a copper winding on a toroid. They are available with a bare construction or in a case.

Main uses are power supply, filtering or DC/DC converters with frequencies up to 300 kHz.

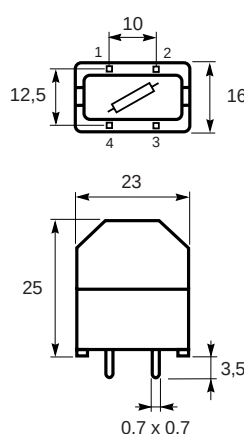
SK15 N



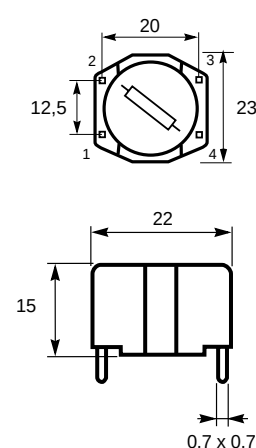
SK15 E



SK15 V



SK15 H



Dimensions in mm

SPECIFICATIONS

MECHANICAL

MAGNETIC CIRCUIT... toroid
CASE... plastic
TERMINALS... wire N and E versions
pins : V and H versions

ENVIRONMENTAL

OPERATING TEMPERATURE
RANGE... -40°C +125°C

MARKING (V and H versions)

Printed in clear : Manufacturer, series, model, inductance value, nominal current.

PACKAGING

50 pieces in waffle pack.

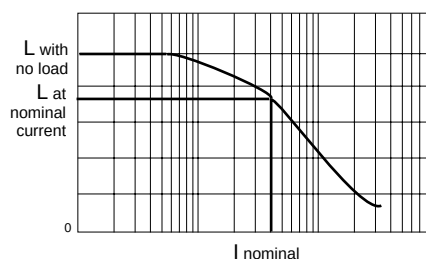
ELECTRICAL

TOLERANCE... $\pm 20\%$
MAX. OPERATING FREQUENCY... 300 kHz
MAXIMUM VOLTAGE... 250 V RMS

I max. A	L with no load μH	L min. at nominal current μH	DCR max. m Ω	Ø d (wire diameter) N and E versions mm
4	10	7	14	0,9
2,5	22	15	31	0,7
1,6	47	33	72	0,6
1	100	70	163	0,5
0,8	220	154	381	0,4
0,5	470	330	1352	0,3
0,315	1000	700	1978	0,3

On request: other values or pin configuration.

INDUCTANCE VALUE AT NOMINAL CURRENT



ORDERING PROCEDURE

SERIES	STYLE	VERSION	INDUCTANCE VALUE NO LOAD
SK	15	E	47 μH



VISHAY S.A.
Division Aztronic
Z.I. de Bellitourne
BP 353 - AZE
53203 Château-Gontier Cedex
Tél (33) 02 43 09 51 10
Fax (33) 02 43 07 36 43