



SK40 N H V

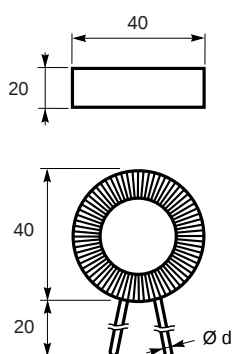
high current toroidal inductors

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

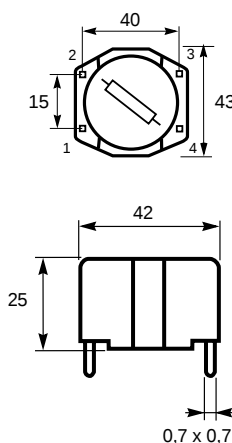


SK series inductors have a copper winding on a toroid. They are available with a bare construction or in a case. Main uses are power supply, filtering or DC/DC converters with frequencies up to 300 kHz.

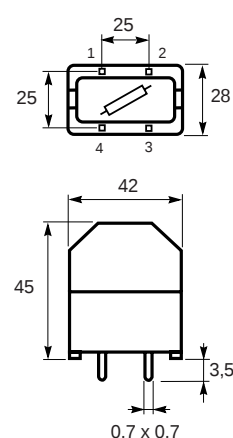
SK40 N



SK40 H



SK40 V



Dimensions in mm

SPECIFICATIONS

MECHANICAL

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

ENVIRONMENTAL

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

MARKING (V version)

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

PACKAGING

50 pieces in waffle pack.

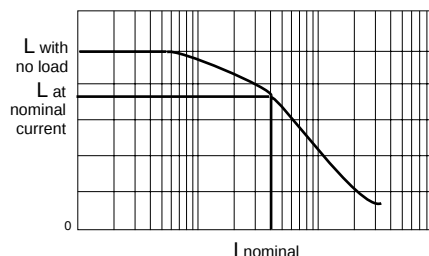
ELECTRICAL

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 version mm
15	10	7	7	1,4
12	22	15	12	1,2
8	47	33	25	1,1
5,5	100	70	55	0,9
3,5	220	154	104	0,8
2,5	470	330	241	0,7
1,75	1000	700	681	0,5

On request: other values or pin configuration.

INDUCTANCE VALUE AT NOMINAL CURRENT



ORDERING PROCEDURE

SERIES	STYLE	VERSION	INDUCTANCE VALUE NO LOAD
SK	40	H	47 μH



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