



SK30

N
S
E
V
H

high current toroidal inductors

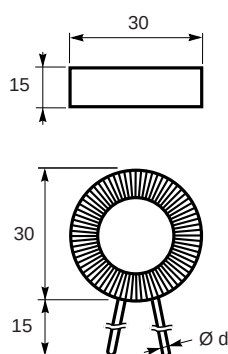
- EMI / RFI noise suppression
- switching power supplies and output chokes

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

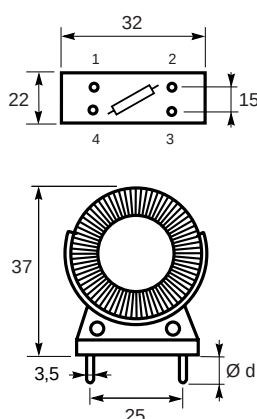
Main uses are power supply, filtering or DC/DC converters with frequencies up to 300 kHz.



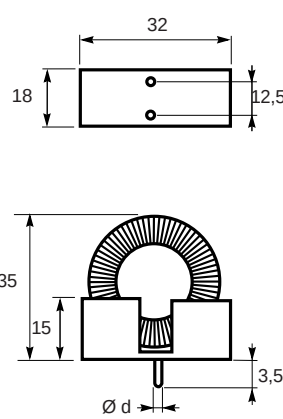
SK30 N



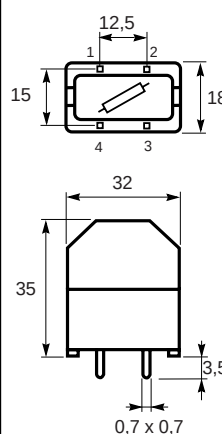
SK30 S



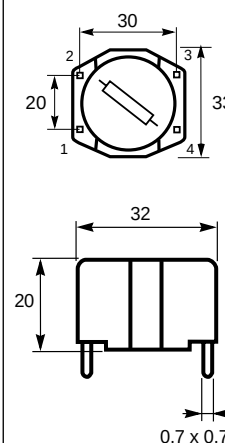
SK30 E



SK30 V



SK30 H



Dimensions in mm

SPECIFICATIONS

MECHANICAL

MAGNETIC CIRCUIT... toroid
CASE... plastic
TERMINALS... wire N, S 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.

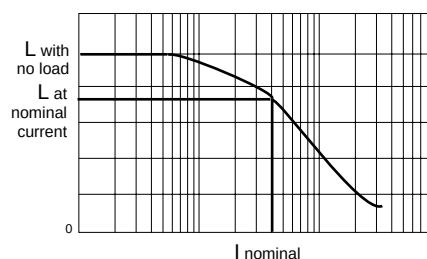
ELECTRICAL

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	$\varnothing d$ (wire diameter) N - S - E versions mm
8	10	7	15	1,1
6,3	22	15	30	1
4	47	33	63	0,8
2,5	100	70	149	0,7
1,6	220	154	341	0,6
1,25	470	330	623	0,5
0,8	1000	700	1465	0,4

On request: other values or pin configuration.

INDUCTANCE VALUE AT NOMINAL CURRENT



ORDERING PROCEDURE

SERIES	STYLE	VERSION	INDUCTANCE VALUE NO LOAD
SK	30	V	47 μH



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