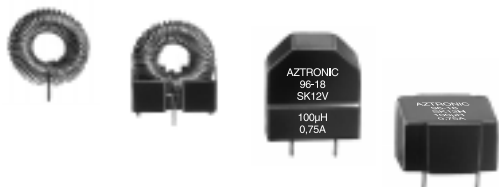




SK12 NEVH

high current toroidal inductors

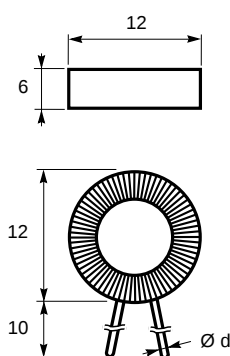
- EMI / RFI noise suppression
- switching power supplies and output chokes



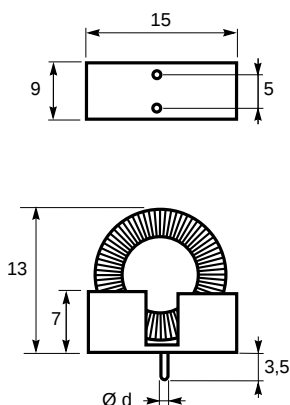
SK series inductors have a copper winding on a toroid. They are available with a bare construction or in a case.

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

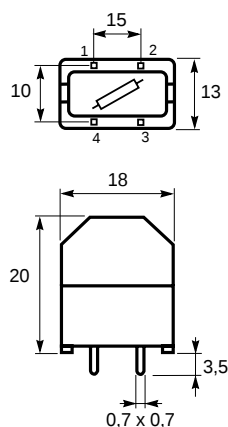
SK12 N



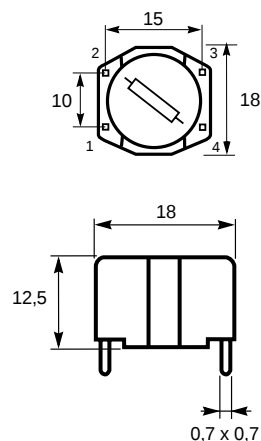
SK12 E



SK12 V



SK12 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

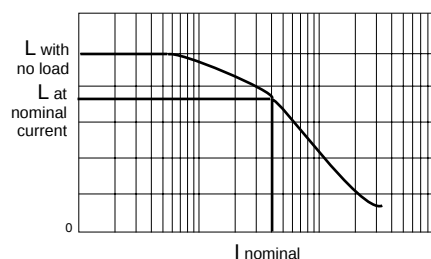
I max. A	L with no load μH	L min. at nominal current μH	DCR max. m Ω	Ø d (wire diameter) N and E versions mm
2	10	7	20	0,7
1,5	22	15	38	0,6
1	47	33	84	0,5
0,75	100	70	155	0,4
0,5	220	154	310	0,4
0,315	470	330	875	0,3
0,2	1000	700	1590	0,3

On request : other values or pin configuration.

ORDERING PROCEDURE

SERIES	STYLE	VERSION	INDUCTANCE VALUE NO LOAD
SK	12	V	47 μH

INDUCTANCE VALUE AT NOMINAL CURRENT



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