

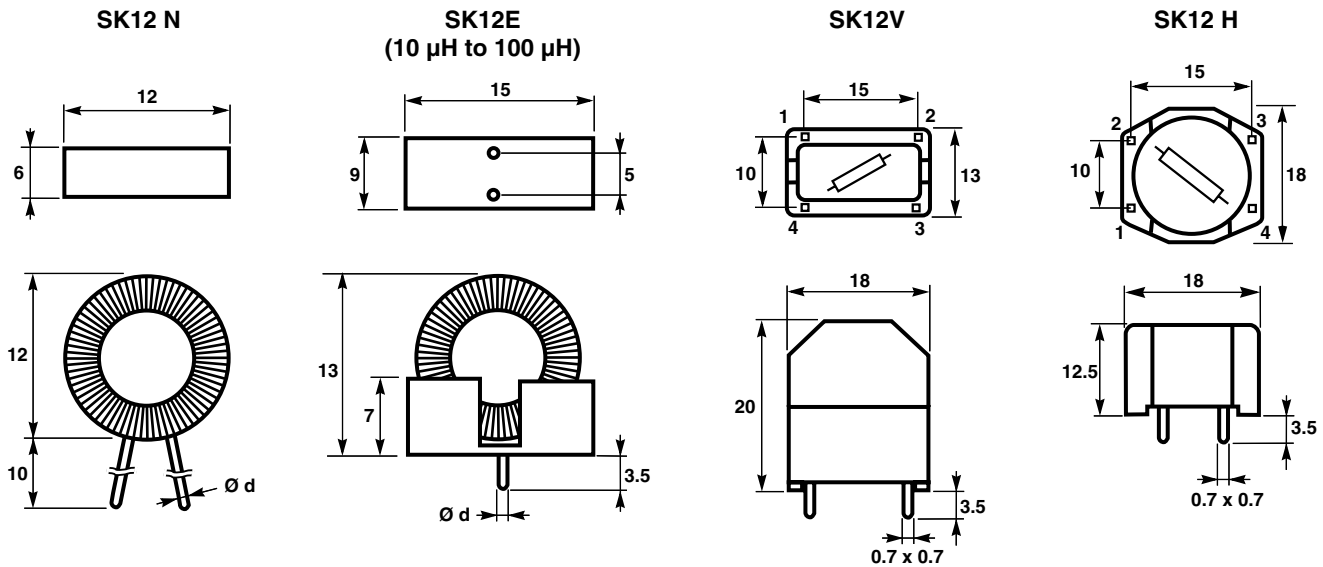
High Current Toroidal Inductors, EMI/RFI Noise Suppression, Switching Power Supplies and Output Chokes

FEATURES

- SK series inductors have a copper winding on a toroid
- Available with a bare construction or in a case
- Main uses are power supply, filtering or dc-to-dc converters with frequencies up to 300 kHz



DIMENSIONS in millimeters



ELECTRICAL SPECIFICATIONS	
Tolerance	± 20 %
Max. Operating Frequency	300 kHz
Maximum Voltage	250 V _{RMS}

MECHANICAL SPECIFICATIONS

Magnetic Circuit toroid
 Terminals wire N and E versions
 pins: V and H versions

PACKAGING
50 pieces in box

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature Range - 40 °C + 125 °C

MARKING (V AND H VERSIONS)

Print marked:
 manufacturer, model, style, inductance value, nominal current



**High Current Toroidal Inductors,
EMI/RFI Noise Suppression, Switching Power Supplies
and Output Chokes**

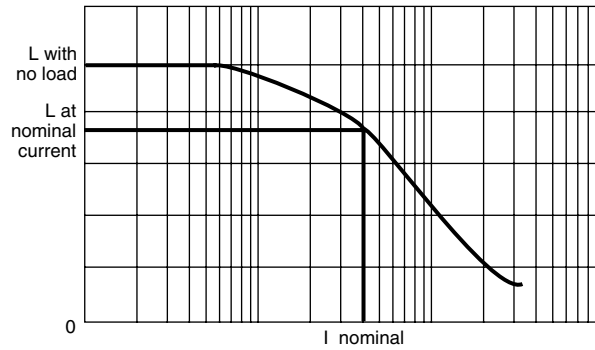
Vishay Aztronic

ORDERING INFORMATION				
SK	12	V	47 μ H	e2
MODEL	STYLE	VERSION	INDUCTANCE VALUE NO LOAD	LEAD FINISH e2: SnCu

SAP PART NUMBERING GUIDELINES																	
S	K	1	2	V	4	7	0	M	B	2	5						
MODEL	STYLE	VERSION	INDUCTANCE VALUE	TOL.	PACKAGING CODE	SPECIAL (IF APPLICABLE)											

See the end of this data book for conversion tables

INDUCTANCE VALUE VERSUS CURRENT



I MAX. mA	L WITH NO LOAD μ H	L MIN. AT NOMINAL CURRENT μ H	DCR MAX. m Ω	\varnothing D MAX. (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.



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