

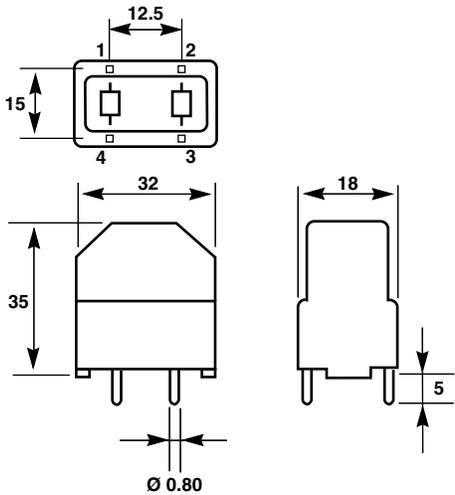
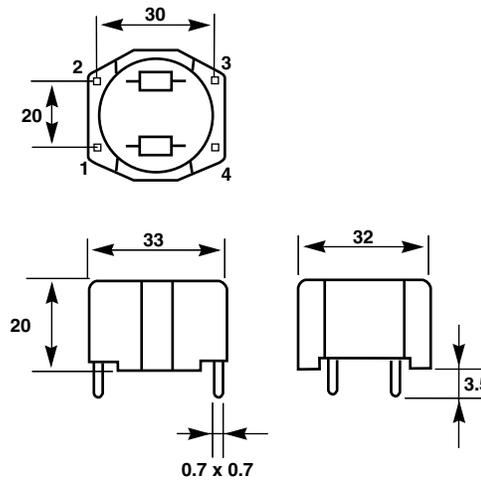
## Common Mode Inductors, Noise Suppression



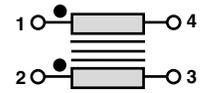
### FEATURES

- Copper winding on ferrite toroid in epoxy case
- Phase opposition winding is an excellent filter for assymetrical (common mode) noise
- Efficiency can be increased with Y-capacitors and X-capacitors to make an EMC filter
- Vertical mounting, style V or horizontal mounting, style H
- Main use is switching power supplies

### DIMENSIONS in millimeters

**SC06 V**

**SC06 H**


### ELECTRICAL DIAGRAM



### ELECTRICAL SPECIFICATIONS

Nominal operating voltage	250 V <sub>RMS</sub>
Limiting voltage	1500 V <sub>RMS</sub> 50 Hz

### ENVIRONMENTAL SPECIFICATIONS

Operating temperature range	- 40 °C + 125 °C
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### PACKAGING

50 pieces in box

### MARKING

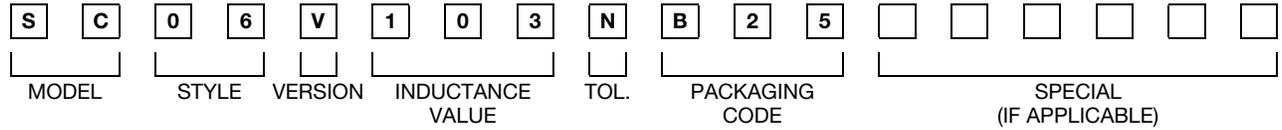
Print marked:  
 manufacturer, model, style, inductance value, nominal current by winding, nominal operating voltage, diagram windings

### ORDERING INFORMATION

<b>SC</b>	<b>06</b>	<b>V</b>	<b>10 mH</b>	<b>e3</b>
MODEL	STYLE	VERSION V: vertical H: horizontal	INDUCTANCE VALUE	LEAD FINISH e3: pure Sn



**SAP PART NUMBERING GUIDELINES**



See the end of this data book for conversion tables

NOMINAL CURRENT A	BY WINDING	
	INDUCTANCE ± 30 % mH	DCR MAX. mΩ
0.7	47	1050
1	33	600
1.4	18	350
1.8	10	150
2.2	6.8	100
3	4.7	85
4	3.3	70
5	1	55
6	0.47	40

**Note**

- Other values on request.



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