

## Common Mode Inductors, Noise Suppression

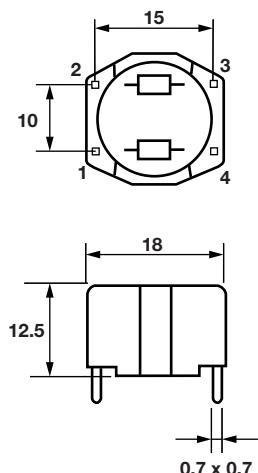


### FEATURES

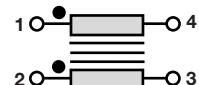
- Copper winding on ferrite toroid in epoxy case
- Phase opposition winding is an excellent filter for asymmetrical (common mode) noise
- Efficiency can be increased with Y-capacitors and X-capacitors to make an EMC filter
- Horizontal mounting, style H
- Main use is switching power supplies

### DIMENSIONS in millimeters

SC03 H



ELECTRICAL  
DIAGRAM



### ELECTRICAL SPECIFICATIONS

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

### PACKAGING

50 pieces in box

### ENVIRONMENTAL SPECIFICATIONS

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

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

### ORDERING INFORMATION

SC MODEL	03 STYLE	H VERSION H: horizontal	0.47 mH INDUCTANCE VALUE	e3 LEAD FINISH e3: pure Sn
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**SAP PART NUMBERING GUIDELINES**

<b>S</b>	<b>C</b>	<b>0</b>	<b>3</b>	<b>H</b>	<b>4</b>	<b>7</b>	<b>1</b>	<b>N</b>	<b>B</b>	<b>2</b>	<b>5</b>	<input type="checkbox"/>					
MODEL	STYLE	VERSION	INDUCTANCE VALUE	TOL.	PACKAGING CODE	SPECIAL (IF APPLICABLE)											

See the end of this data book for conversion tables

NOMINAL CURRENT A	BY WINDING	
	INDUCTANCE ± 30 % mH	DCR MAX. mΩ
3.5	0.47 (inductance code: 471)	37

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