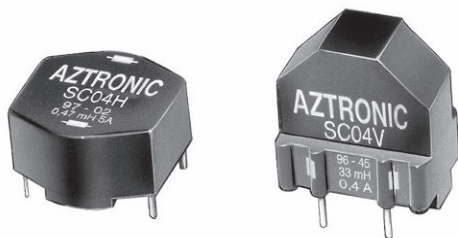


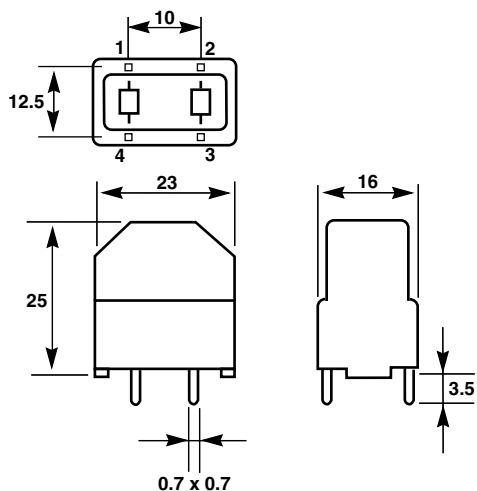
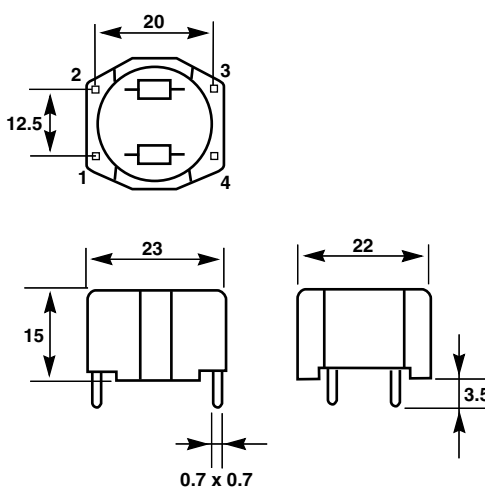
Common Mode Inductors, Noise Suppression



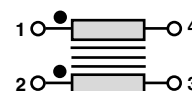
FEATURES

- 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
- Vertical mounting, style V or horizontal mounting, style H
- Main use is switching power supplies

DIMENSIONS in millimeters

SC04 V

SC04 H


ELECTRICAL DIAGRAM



ELECTRICAL SPECIFICATIONS

Nominal operating voltage	250 V _{RMS}
Limiting voltage	1500 V _{RMS} 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

SC	04	V	33 mH	e3
MODEL	STYLE	VERSION V: vertical H: horizontal	INDUCTANCE VALUE	LEAD FINISH e3: pure Sn

**SAP PART NUMBERING GUIDELINES**

S	C	0	4	V	3	3	3	N	B	2	5						
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 $\pm 30\%$ mH	DCR MAX. m Ω
0.3	47	2600
0.4	33	1800
0.7	18	1000
1	10	540
1.1	6.8	450
1.3	4.7	320
1.7	3.3	200
3	1.0	56
5	0.47	30

Note

- Other values on request.



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