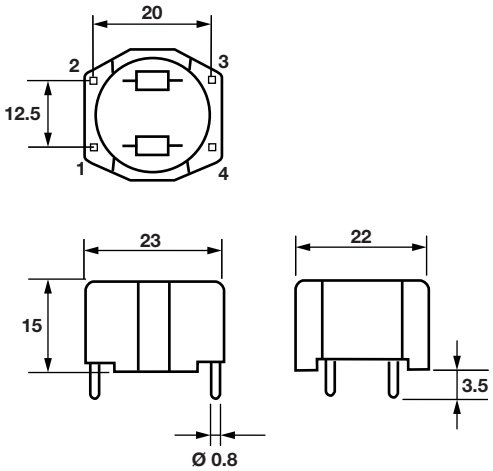
Common Mode Inductors, Noise Suppression

FEATURES

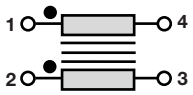
- Copper winding on ferrite toroid in epoxy case
- Phase opposition winding is an excellent filter for asymmetrical (common mode) noise
- Efficiency can be increased with Y-capacitors and X-capacitors to make an EMC filter
- Horizontal mounting, style H
- Main use is switching power supplies

DIMENSIONS in millimeters

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

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**	**H**	**1 mH**	e3
MODEL	STYLE	VERSION H: horizontal	INDUCTANCE VALUE	LEAD FINISH e3: pure Sn

SAP PART NUMBERING GUIDELINES

S	C	0	4	H	1	0	2	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 ± 30 % mH	DCR MAX. mΩ
3	1.0 (inductance code: 102)	56
5	0.47 (inductance code: 471)	30

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