

Common Mode Inductors, Noise Suppression

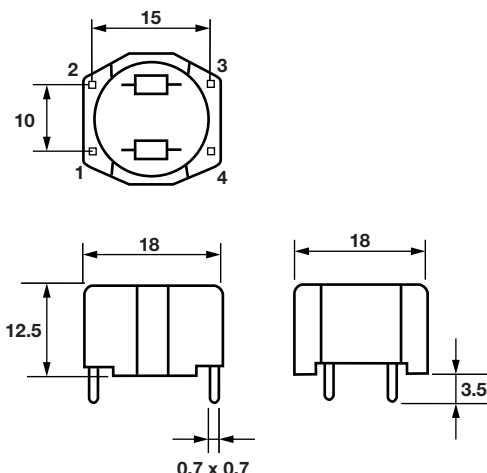


FEATURES

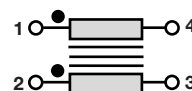
- Copper winding on ferrite toroid in epoxy case
- Phase opposition winding is an excellent filter for asymmetrical (common mode) noise
- Efficiency can be increased with Y-capacitors and X-capacitors to make an EMC filter
- Horizontal mounting, style H
- Main use is switching power supplies

DIMENSIONS in millimeters

SC03 H



ELECTRICAL
DIAGRAM



ELECTRICAL SPECIFICATIONS

Nominal operating voltage	250 V _{RMS}
Limiting voltage	1500 V _{RMS} 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	03	H	0.47 mH	e3
MODEL	STYLE	VERSION H: horizontal	INDUCTANCE VALUE	LEAD FINISH e3: pure Sn



SAP PART NUMBERING GUIDELINES

S	C	0	3	H	4	7	1	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
3.5	0.47 (inductance code: 471)	37



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