

### Features:

- A range of compact data line filters employing a high performance ferrite toroidal core.
- SB coils provide ideal countermeasures against EMI.
- These chokes have a plastic carrier for ease of PCB mounting.
- Employ high-performance ferrites with superior frequency characteristics.
- Compact size, high-performance and low cost.
- Available in tape format for automatic installation.
- Enable common-mode noise suppression without influencing video signals.
- L-element circuit ensures excellent attenuation characteristics over a wide frequency range.

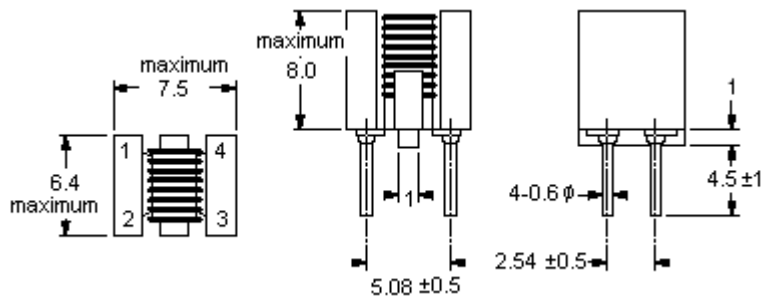
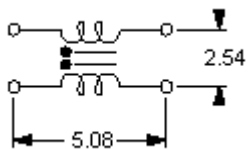
### Applications:

- EMI countermeasures at signal lines of personal computers, microcomputers, peripheral devices, etc.
- Countermeasures against common mode noise at composite video signals.

### Specifications:

Rated voltage	: 50V.
Current rating	: 500mA.
Test voltage	: 200V dc for one minute between lines.
Insulation resistance	: More than 10MV (100V dc, between lines).
Operating temperature	: -25°C to +70°C.

### Circuit Construction



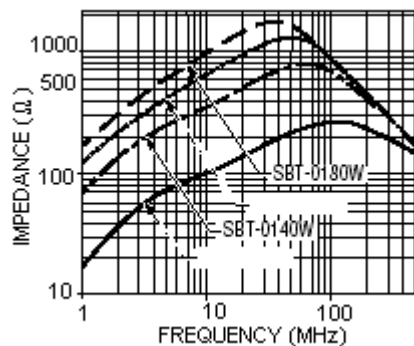
Dimensions : Millimetres

# SBT Series

## Suppression Chokes



### Typical Curve



### Specification Table

Inductance	Rated Current (mA)	Inductance (1kHz, 70mA) (μH)	Maximum DC Resistance (mΩ)	Part Number
40	500	±35%	40	SBT-0140W
80		±35%	55	SBT-0180W



# SBT Series

## Suppression Chokes



### Notes:

### International Sales Offices:

	<b>AUSTRALIA – Farnell InOne</b> Tel No: ++ 61 2 9645 8888 Fax No: ++ 61 2 9644 7898		<b>FINLAND – Farnell InOne</b> Tel No: ++ 358 9 560 7780 Fax No: ++ 358 9 345 5411		<b>NETHERLANDS – Farnell InOne</b> Tel No: ++ 31 30 241 7373 Fax No: ++ 31 30 241 7333		<b>SWITZERLAND – Farnell InOne</b> Tel No: ++ 41 1 204 64 64 Fax No: ++ 41 1 204 64 54
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For enquiries from all other markets

<http://www.farnellinone.com>

<http://www.buckhickmaninone.com>

<http://www.cpc.co.uk>

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