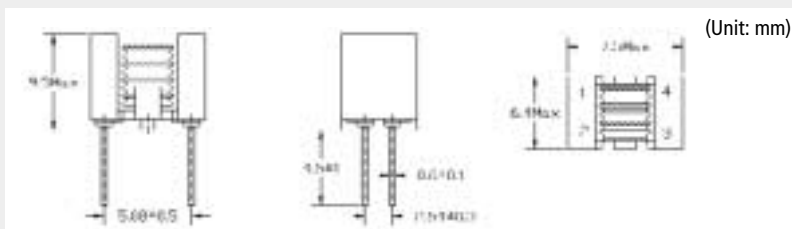
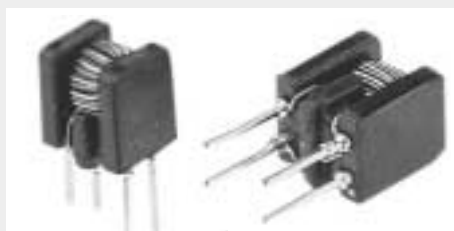


EXTERNAL DIMENSIONS



(Unit: mm)

Test Equipment and Conditions

- Operating Temperature Range : - 25°C to + 85°C

Features

- Easy mounting on pc board.
- L-element circuit ensures excellent attenuation characteristics over a wide frequency range.

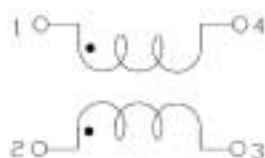
Applications

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

Specifications

Part Number	PARALLEL			SERIES		
	Inductance (μH) @1KHz	Impedance (Ω) min.	DC Resistance (mΩ) max.	Inductance (μH) @1KHz	Impedance (Ω) min.	DC Resistance (mΩ) max.
SBC-75-350	35±50%	400@100MHz	30	120(Typ)	1575@40MHz	60
SBC-75-600	60±35%	800@ 80MHz	40	200(Typ)	3000@20MHz	80
SBC-75-101	100±35%	1100@ 50MHz	55	300(Typ)	4700@10MHz	110

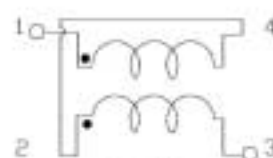
CIRCUIT



TEST CIRCUIT



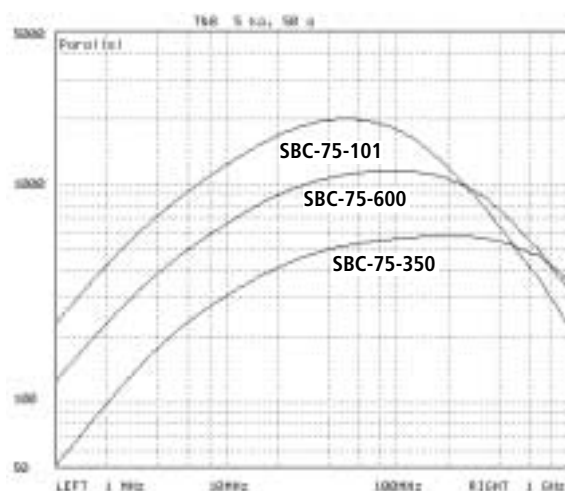
PARALLEL



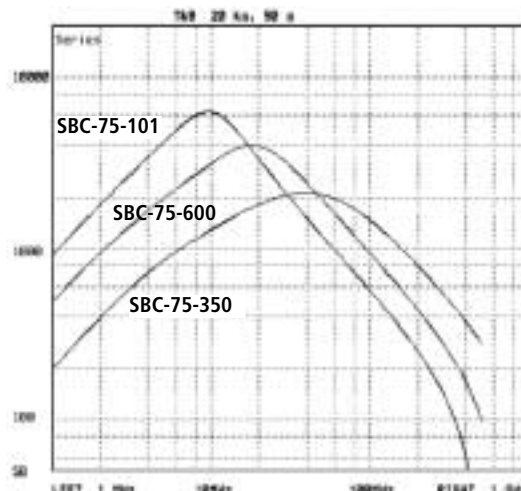
SERIES

Impedance-Frequency Characteristics

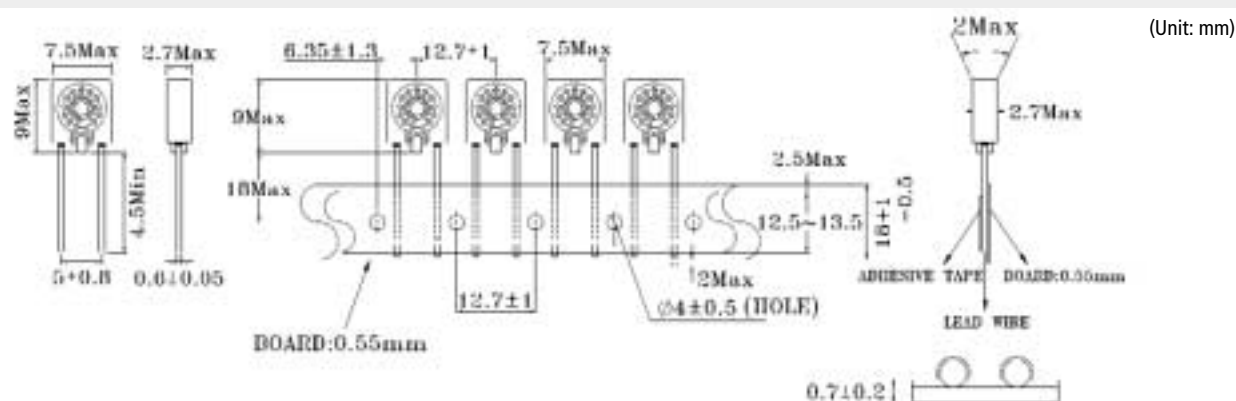
PARALLEL



SERIES



EXTERNAL DIMENSIONS



Test Equipment and Conditions

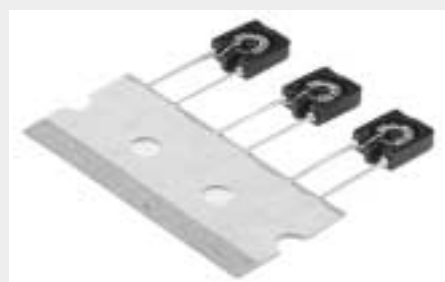
- Operating Temperature Range : - 25°C to + 85°C

Features

- Unique configuration
- Ideal for EMI filters.
- Core is Ni-Zn ferrite.
- Base material is Phenolic.
- Highly accurate dimensions and taped for automatic inserting.

Applications

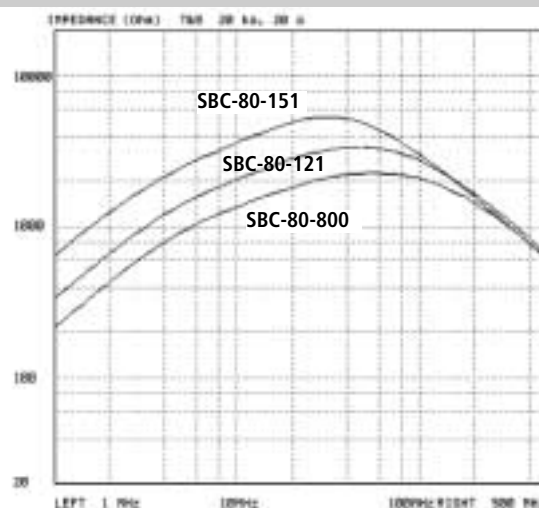
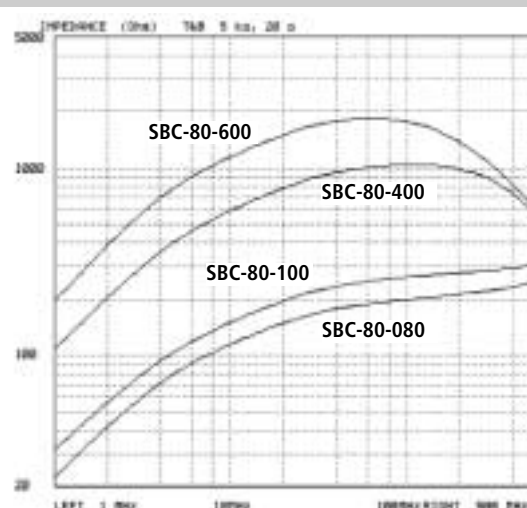
- EMI line filter.
- Personal computers.
- Microcomputer and peripheral devices.
- VCD, DVD and TV circuit.



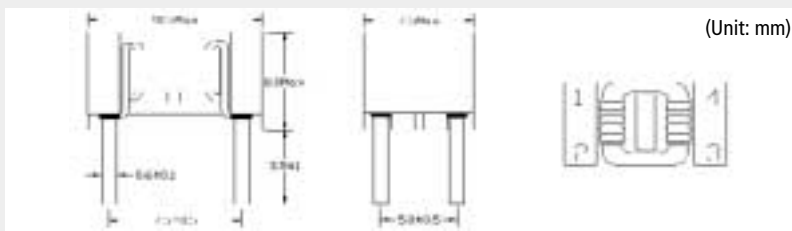
Specifications

Part Number	Inductance (μH) @1KHz	Test Frequency (MHz)	Impedance (Ω) min.	Rated DC Current (mA)	DC Resistance (mΩ) max.)
SBC-80-080	8±50%	300	165	500	15
SBC-80-100	10±50%	200	205	500	15
SBC-80-400	40±50%	120	770	500	25
SBC-80-600	60±50%	60	1360	500	30
SBC-80-800	80±50%	60	1680	500	35
SBC-80-121	120±50%	50	2500	250	95
SBC-80-151	150±50%	30	3960	250	110

Impedance-Frequency Characteristics



SBC-90 SERIES



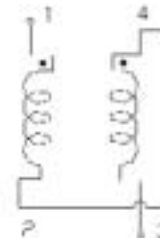
- Operating Temperature Range : - 25°C to + 85°C

- Compact size high performance and low cost.
- Large impedance at high frequencies.
- Excellent high frequency characteristics.

- Applied equipment: TV, VCR, Switching power sources, NC machines, Computes systems and Measuring instruments.

Part Number	PARALLEL			SERIES		
	Inductance	Impedance	DC Resistance	Inductance	Impedance	DC Resistance
	(μH) @1KHz	(Ω) min.	(mΩ) max.	(μH) @1KHz	(Ω) min.	(mΩ) max.
SBC-90-200	20±50%	540@250MHz	26	150(Typ)	2000@70MHz	53
SBC-90-101	100±35%	1200@100MHz	70	400(Typ)	3800@50MHz	190

PARALLEL



SERIES

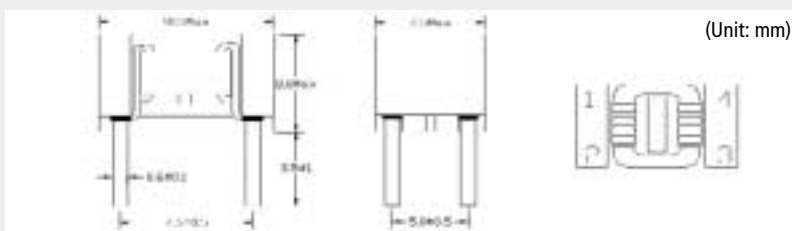
The figure contains two graphs side-by-side, labeled 'PARALLEL' and 'SERIES'.

PARALLEL Graph: The y-axis is logarithmic, ranging from 50 to 5000. The x-axis is logarithmic, ranging from 10 Hz to 10,000 Hz. Two curves are shown: SBC-90-101 (upper curve) and SBC-90-200 (lower curve). Both curves show a peak around 1000 Hz.

SERIES Graph: The y-axis is logarithmic, ranging from 200 to 10,000. The x-axis is logarithmic, ranging from 10 Hz to 10,000 Hz. Two curves are shown: SBC-90-101 (upper curve) and SBC-90-200 (lower curve). Both curves show a peak around 1000 Hz.

SBC-95 SERIES

EXTERNAL DIMENSIONS



Test Equipment and Conditions

- Operating Temperature Range : - 25°C to + 85°C

Features

- Compact size high performance and low cost.
- Large impedance at high frequencies.
- Excellent high frequency characteristics.

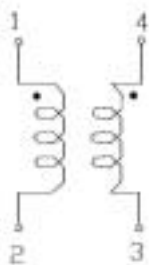
Applications

- Applied equipment: TV, VCR, Switching power sources, NC machines, Computes systems and Measuring instruments.

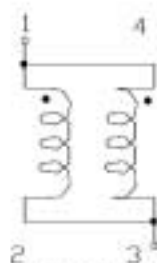
Specifications

Part Number	Inductance (μH)	Impedance (Parallel) (mΩ) min.	DC Resistance (mΩ) max.
SBC-95-170	17±20%@100KHz	390@300MHz	25
SBC-95-270	27±50%@1KHz	900@50MHz	30

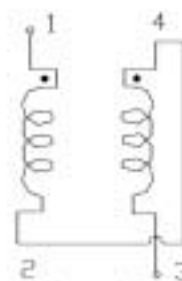
CIRCUIT



TEST CIRCUIT



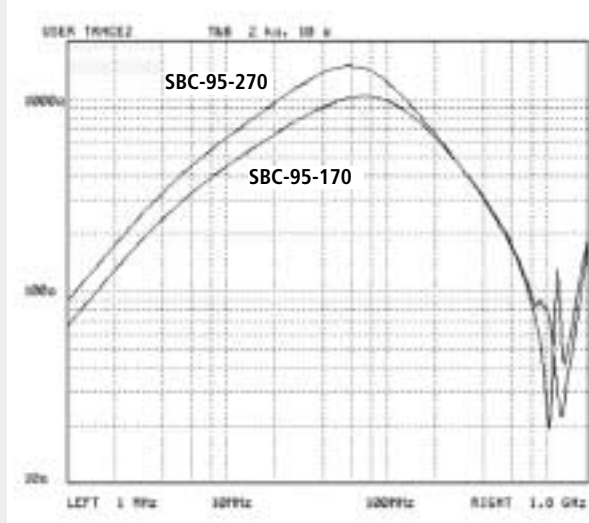
PARALLEL



SERIES

Impedance-Frequency Characteristics

PARALLEL



SERIES

