

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

- Compact size high **current** 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 (μ H)	Impedance (Ω)	DC Resistance (m Ω)	Inductance (μ H)	Impedance (Ω)	DC Resistance (m Ω)
	@1KHz	min.	max.	@1KHz	min.	max.
SBC-90-200	20 $\pm$ 50%	540@250MHz	26	150(Typ)	2000@70MHz	53
SBC-90-101	100 $\pm$ 35%	1200@100MHz	70	400(Typ)	3800@50MHz	190

Max Withstand Voltage: DC 1000V/3mA/1sec

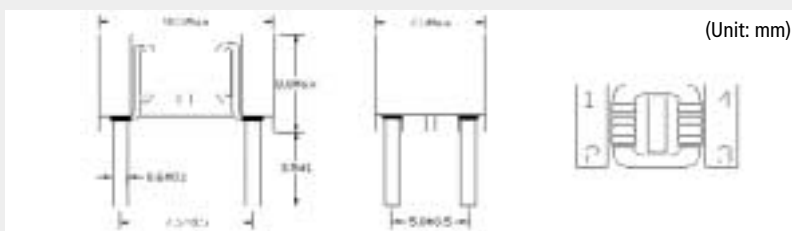
SERIES

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 labeled 'LEFT 1 kHz', '100 Hz', '1000 Hz', and 'RIGHT 1 GHz'. Two curves are shown: 'SBC-90-101' (upper curve) and 'SBC-90-200' (lower curve). Both curves peak around 1000 Hz. The SBC-90-101 curve peaks at approximately 3000, while the SBC-90-200 curve peaks at approximately 1000.

SERIES Graph: The y-axis is logarithmic, ranging from 200 to 10000. The x-axis is labeled 'LEFT 1 kHz', '100 Hz', '1000 Hz', and 'RIGHT 1 GHz'. Two curves are shown: 'SBC-90-101' (upper curve) and 'SBC-90-200' (lower curve). Both curves peak around 1000 Hz. The SBC-90-101 curve peaks at approximately 8000, while the SBC-90-200 curve peaks at approximately 3000.

EXTERNAL DIMENSIONS



Test Equipment and Conditions

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

Features

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

Applications

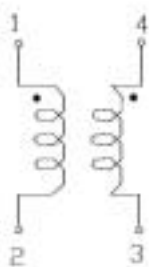
- Applied equipment: TV, VCR, Switching power sources, NC machines, Computers systems and Measuring instruments.

Specifications

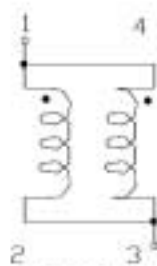
Part Number	Inductance (μH)	Impedance (Parallel) (mΩ) min.	DC Resistance (mΩ) max.
SBC-95-170	17±20%@100KHz	390@300MHz	25
SBC-95-270	27±50%@1KHz	900@50MHz	30

Current Rating: 3Amax Max Withstand Voltage: DC 1000V/3mA/1sec

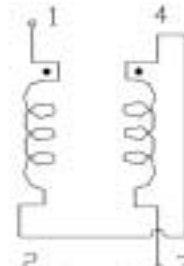
CIRCUIT



TEST CIRCUIT



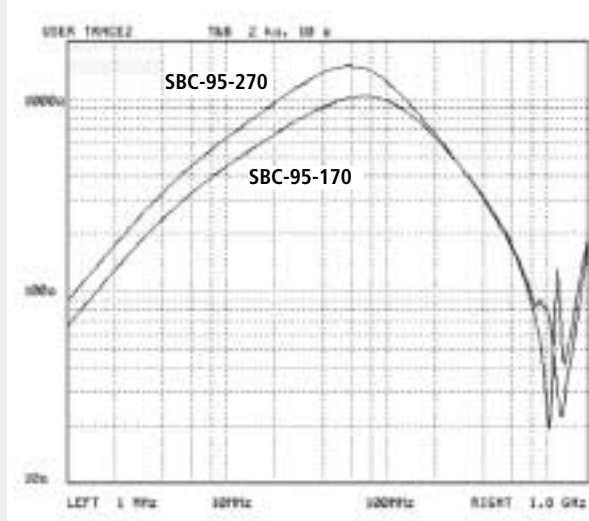
PARALLEL



SERIES

Impedance-Frequency Characteristics

PARALLEL



SERIES

