

- 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 (μH)	Impedance (Ω)	DC Resistance (mΩ)	Inductance (μH)	Impedance (Ω)	DC Resistance (mΩ)
	@1KHz	min.	max.	@1KHz	min.	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

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

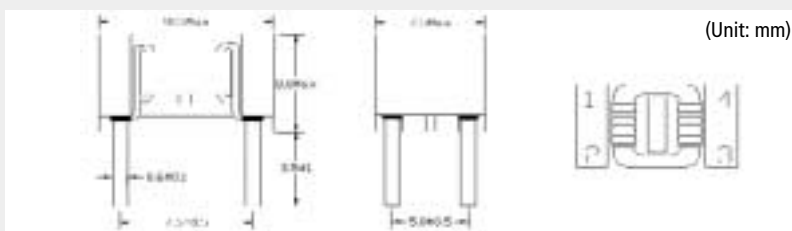
PARALLEL

SERIES

The figure contains two graphs side-by-side, labeled 'PARALLEL' and 'SERIES'. Both graphs plot frequency response (y-axis, logarithmic scale from 50 to 5000) against frequency (x-axis, logarithmic scale from 100 Hz to 10 kHz). Two curves are shown in each graph: SBC-90-101 (upper curve) and SBC-90-200 (lower curve). In the 'PARALLEL' graph, the curves show a broad peak around 1 kHz. In the 'SERIES' graph, the curves show a more pronounced peak around 1 kHz, with the SBC-90-101 curve reaching a higher peak value than the SBC-90-200 curve.

SBC-95 SERIES

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.
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Applications

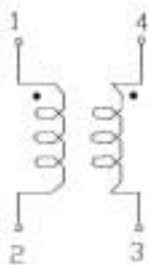
- Applied equipment: TV, VCR, Switching power sources, NC machines, Computes systems and Measuring instruments.

Specifications

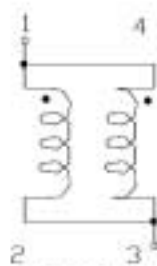
Part Number	Inductance (μH)	Impedance (Parallel) (mΩ) min.	DC Resistance (mΩ) max.
SBC-95-170	17±20%@100KHz	390@300MHz	25
SBC-95-270	27±50%@1KHz	900@50MHz	30

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

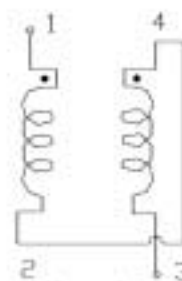
CIRCUIT



TEST CIRCUIT



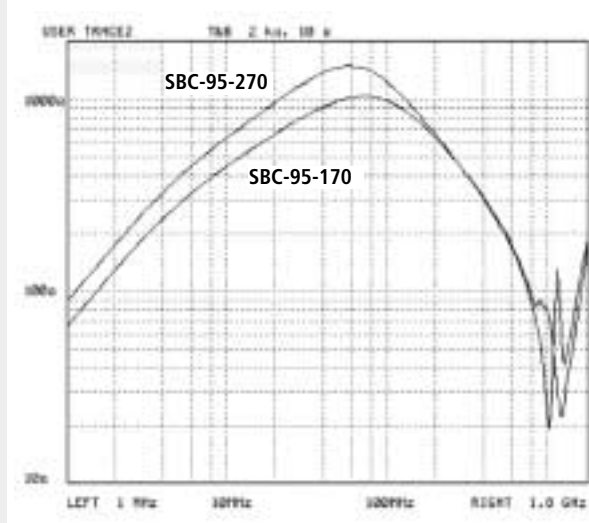
PARALLEL



SERIES

Impedance-Frequency Characteristics

PARALLEL



SERIES

