

EMC Components

Ferrite Beads

SMD

ZBFS Series

FEATURES

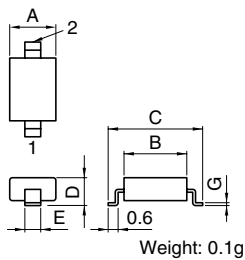
- Good high frequency characteristics due to low distributed capacitance. Effective as a noise absorbing element due to at distributed resistance at high frequencies.
- Height of the miniaturized surface mount bead has been kept 2mm max.

APPLICATIONS

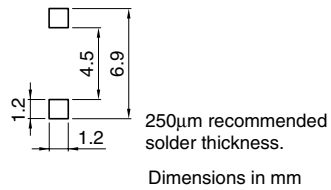
Personal computers, communications equipment, word processors, digital telephones, electronic games, hard disk drives, electronic music instruments, copiers and facsimiles, and other electronic equipment.

SHAPES AND DIMENSIONS

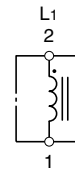
ZBFS5105-PT



RECOMMENDED PC BOARD PATTERN



CIRCUIT DIAGRAM



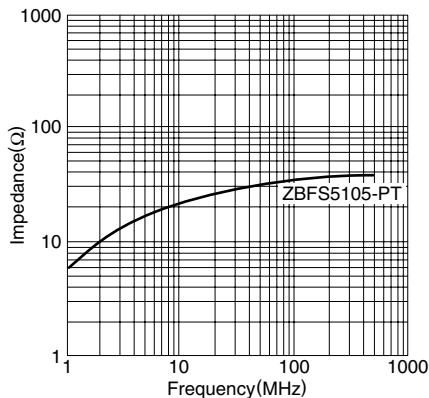
Part No.	A	B	C	D	E	G	Dimensions in mm
ZBFS5105-PT	2.8max.	4±0.2	6±0.5	2max.	1	0.15	

ELECTRICAL CHARACTERISTICS

Part No.	ZBFS5105-PT
Rated voltage E _{dc} (V)	50
Rated current (A)	6
DC resistance (Ω)[Each line]	0.008max.(0.004typ.)
Operating temperature range (°C)	-25 to +85
Impedance(Ω)[+5 to +35°C]	20min.[20 to 500MHz]

TYPICAL ELECTRICAL CHARACTERISTICS

IMPEDANCE vs. FREQUENCY CHARACTERISTICS



PACKING STYLE AND QUANTITIS

ZBFS5105-PT	2000 pieces/reel
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