

# EMC Components

## ZBDS Series

### Ferrite Beads SMD Array

#### FEATURES

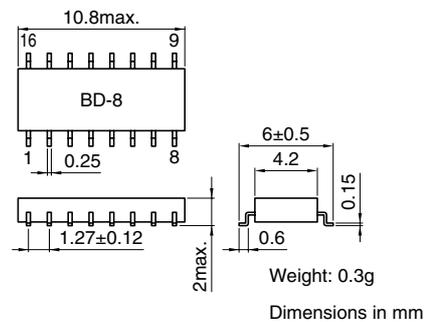
- Good high frequency characteristics due to low distributed capacitance. Effective as a noise absorbing element due to at distributed resistance at high frequencies.
- Height of the miniaturized surface mount bead has been kept 2mm max.

#### APPLICATIONS

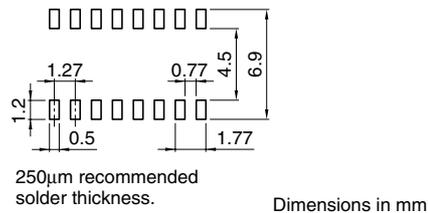
Personal computers, communications equipment, word processors, digital telephones, electronic games, hard disk drives, electronic music instruments, copiers and facsimiles, and other electronic equipment.

#### SHAPES AND DIMENSIONS

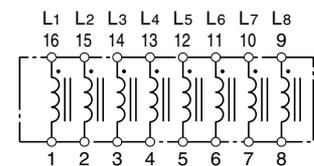
##### ZBDS5101-8PT



#### RECOMMENDED PC BOARD PATTERN



#### CIRCUIT DIAGRAM



#### ELECTRICAL CHARACTERISTICS

Part No.	ZBDS5101-8PT
Rated voltage Edc(V)	50
Rated current (A)	1
DC resistance ( $\Omega$ )[Each line]	0.1max.
Operating temperature range ( $^{\circ}$ C)	-25 to +85
Impedance( $\Omega$ )[+5 to +35 $^{\circ}$ C]	30min.[20 to 500MHz]

#### PACKING STYLE AND QUANTITIES

ZBDS5101-8PT	1000 pieces/reel
--------------	------------------

#### TYPICAL ELECTRICAL CHARACTERISTICS

##### IMPEDANCE vs. FREQUENCY CHARACTERISTICS

