EMC Components

ZBDS Series

Ferrite Beads
SMD Array

FEATURES

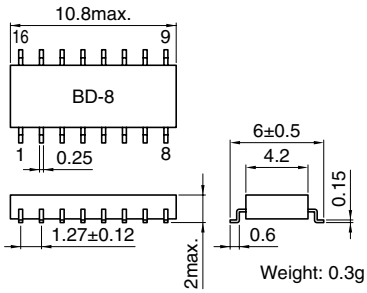
- Good high frequency characteristics due to low distributed capacitance. Effective as a noise absorbing element due to at distributed resistance at high frequencies.
- Height of the miniaturized surface mount bead has been kept 2mm max.

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

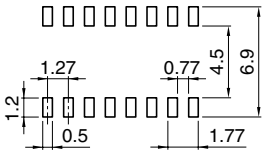
ZBDS5101-8PT



Weight: 0.3g

Dimensions in mm

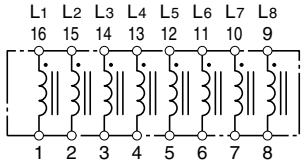
RECOMMENDED PC BOARD PATTERN



250μm recommended solder thickness.

Dimensions in mm

CIRCUIT DIAGRAM





ELECTRICAL CHARACTERISTICS

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

PACKING STYLE AND QUANTITIS

ZBDS5101-8PT	1000 pieces/reel

TYPICAL ELECTRICAL CHARACTERISTICS

IMPEDANCE vs. FREQUENCY CHARACTERISTICS

