

EMC Components

Ferrite Beads

SMD Array

MZA Series MZA3216 Type

Size: JIS/IEC 3216, EIA 1206

FEATURES

- A single MZA series chip provides noise attenuation for four lines, making it ideal for use with I/O lines of various highly miniaturized.
- Electronic equipment, such as portable products, which comprise high density circuitry.
- Low crosstalk between adjacent circuits.
- Internal electrodes feature low DC resistance, minimizing wasteful power consumption.
- Electroplated terminal electrodes accommodate both flow and reflow soldering.
- Monolithic structure ensures high reliability.
- The products contain no lead and also support lead-free soldering.

APPLICATIONS

High-frequency noise countermeasure in computers, printers, VCRs, televisions, portable telephones, and other equipment.

PRODUCT IDENTIFICATION

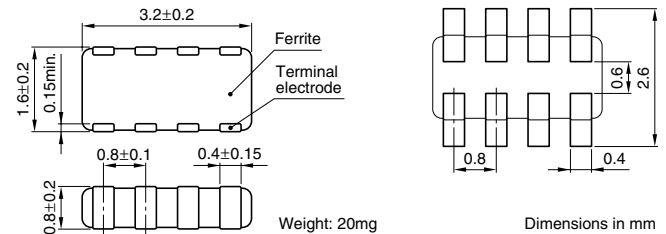
MZA 3216 R 121 A T
 (1) (2) (3) (4) (5) (6)

- (1) Series name
- (2) Dimensions L×W
- (3) Material code
- (4) Nominal impedance
121:120Ω at 100MHz
- (5) Characteristic type
- (6) Packaging style
T:Taping

ELECTRICAL CHARACTERISTICS

Part No.	Impedance(Ω) ±25%[100MHz]	DC resistance (Ω)max.	Rated current (mA)max.
MZA3216R121A	120	0.18	250
MZA3216R301A	300	0.4	200
MZA3216R601A	600	0.45	200
MZA3216R102A	1000	0.6	150
MZA3216S600A	60	0.2	300
MZA3216S121A	120	0.2	250
MZA3216S301A	300	0.4	200
MZA3216S601A	600	0.5	200
MZA3216Y600B	60	0.2	300
MZA3216Y121B	120	0.2	250
MZA3216Y241B	240	0.3	200
MZA3216Y601B	600	0.5	200
MZA3216Y102B	1000	0.6	150
MZA3216D121C	120	0.45	200
MZA3216D241C	240	0.6	150
MZA3216D301C	300	0.8	100

SHAPES AND DIMENSIONS/RECOMMENDED PC BOARD PATTERN (REFLOW SOLDERING)



TEMPERATURE RANGES

Operating/storage -55 to +125°C



PACKAGING STYLE AND QUANTITIES

Packaging style	Quantity
Taping	4000 pieces/reel

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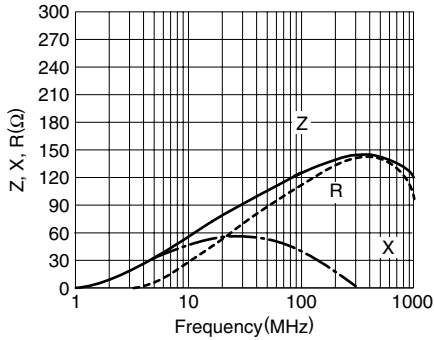
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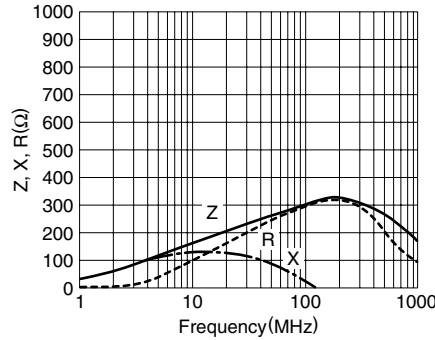
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TYPICAL ELECTRICAL CHARACTERISTICS Z, X, R vs. FREQUENCY CHARACTERISTICS

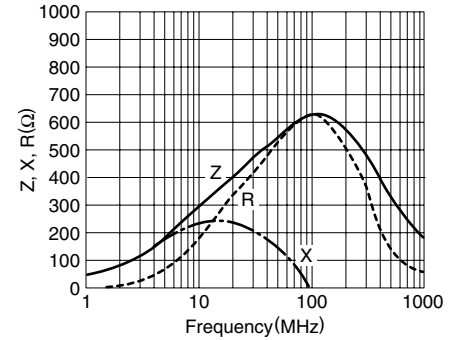
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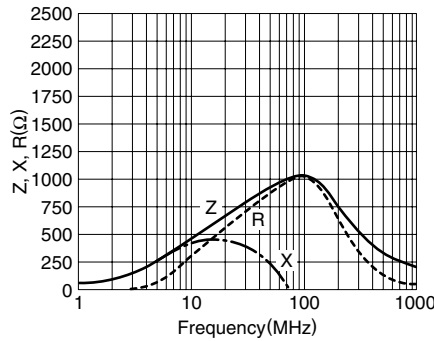
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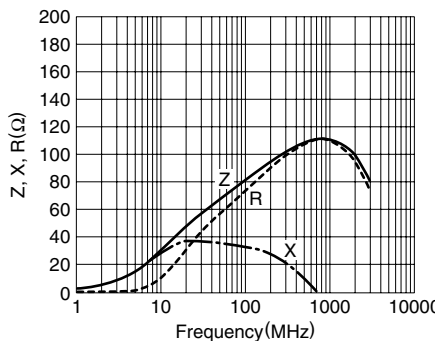
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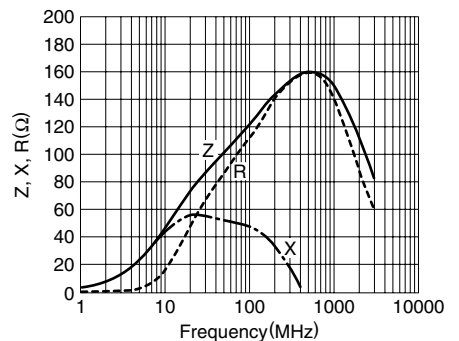
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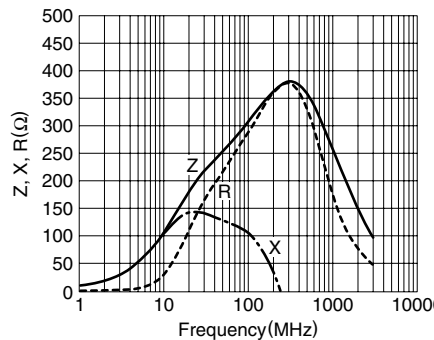
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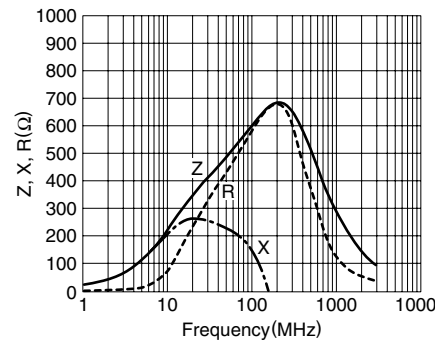
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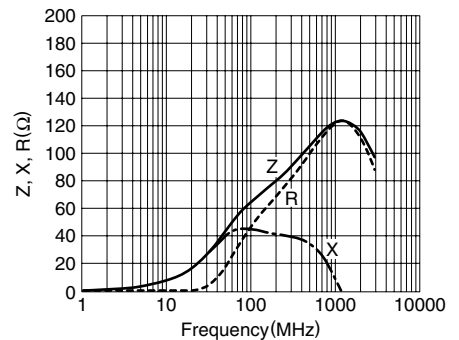
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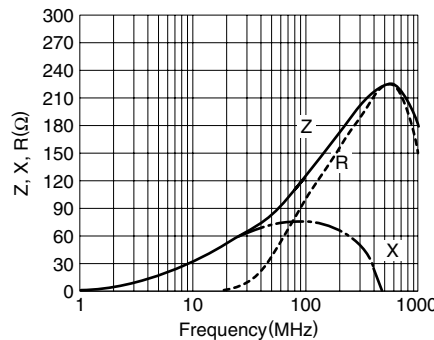
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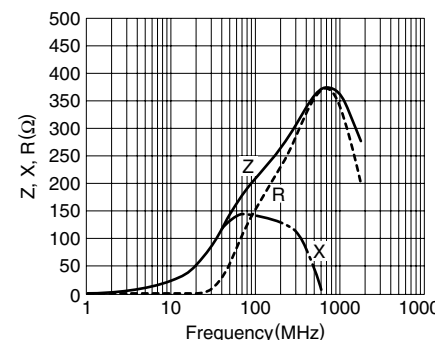
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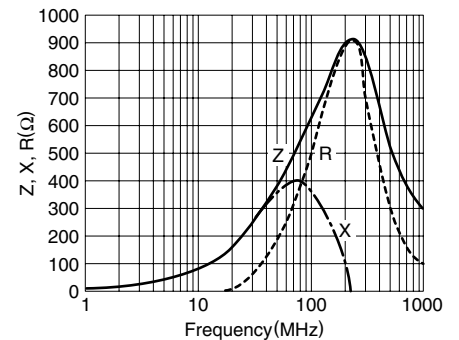
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MZA3216Y241B



MZA3216Y601B



• All specifications are subject to change without notice.

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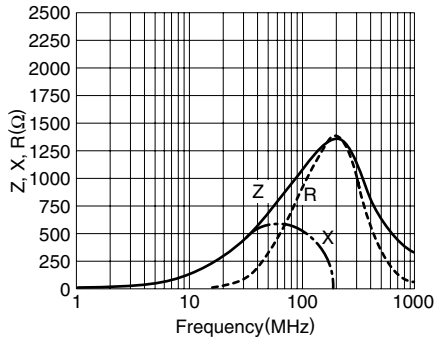
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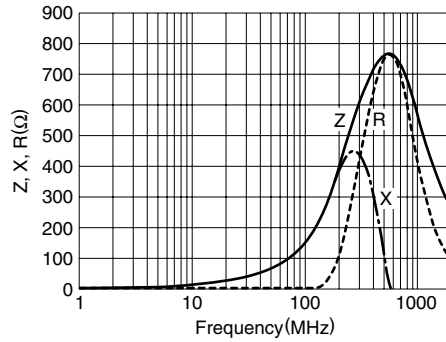
TYPICAL ELECTRICAL CHARACTERISTICS

Z, X, R vs. FREQUENCY CHARACTERISTICS

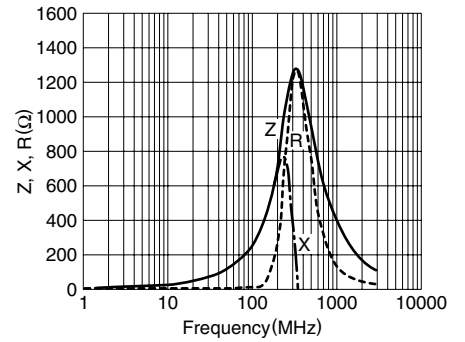
MZA3216Y102B



MZA3216D121C



MZA3216D241C



MZA3216D301C

