

EMC Components

Chip Beads

SMD

MMZ Series MMZ0603 Type

Size: JIS/IEC 0603, EIA 0201

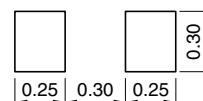
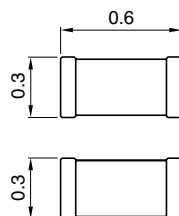
FEATURES

- This is a multilayered chip bead product with dimensions of L0.6×W0.3×T0.3mm.
- The product is magnetically shielded, allowing high density mounting.
- We refined the rules for internal conductor design to reduce floating capacity between conductors, which in turn has contributed to a dramatic improvement in high frequency characteristics. We have also been able to expand and reinforce the EMI suppression in the GHz range.
- The products contain no lead and also support lead-free soldering.

APPLICATIONS

The removal of EMI components from signal lines in various modules, cellular phones and other sets that use very small components.

SHAPES AND DIMENSIONS/RECOMMENDED PC BOARD PATTERN



Weight: 0.3mg

Dimensions in mm



ELECTRICAL CHARACTERISTICS

Part No.	Impedance (Ω)[100MHz]	DC resistance (Ω)max.	Rated current (mA)max.
MMZ0603S100C	10 $\pm$ 25%	0.15	500
MMZ0603S800C	80 $\pm$ 25%	0.5	200
MMZ0603S121C	120 $\pm$ 25%	0.8	200
MMZ0603S241C	240 $\pm$ 25%	1.0	100
MMZ0603S471C	470 $\pm$ 25%	1.8	50
MMZ0603S601C	600 $\pm$ 25%	2.0	50
MMZ0603Y121C	120 $\pm$ 25%	0.8	200
MMZ0603Y241C	240 $\pm$ 25%	1.0	100
MMZ0603Y471C	470 $\pm$ 25%	1.8	50
MMZ0603D330C	33 $\pm$ 25%	1.0	100
MMZ0603F100C	10 $\pm$ 5 Ω	0.8	200

TEMPERATURE RANGES

Operating/storage	-55 to +125°C
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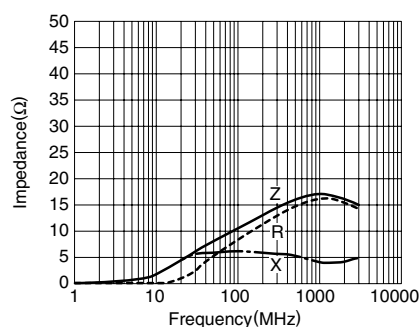
PACKAGING STYLE AND QUANTITIES

Packaging style	Quantity
Taping	15000 pieces/reel

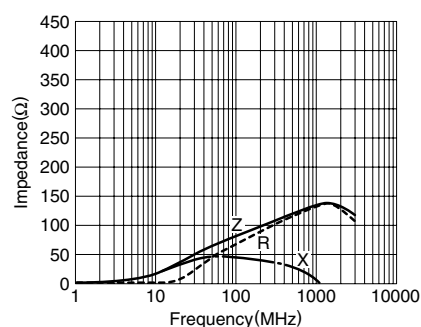
TYPICAL ELECTRICAL CHARACTERISTICS

IMPEDANCE vs. FREQUENCY CHARACTERISTICS

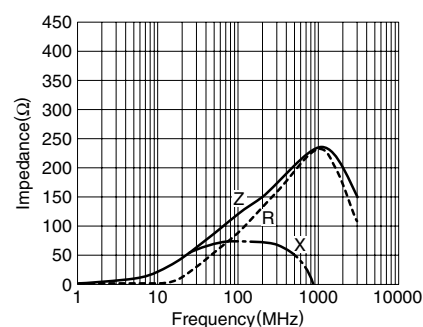
MMZ0603S100C



MMZ0603S800C



MMZ0603S121C



- Please contact our Sales office when your application are considered the following:
The device's failure or malfunction may directly endanger human life (e.g. application for automobile/aircraft/medical/nuclear power devices, etc.)

- All specifications are subject to change without notice.

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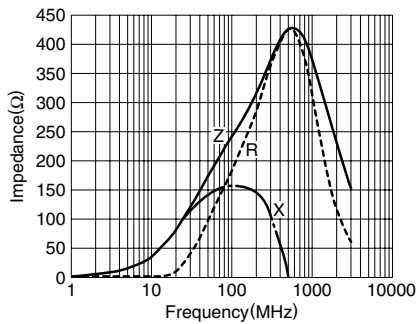
MMZ Series MMZ0603 Type

Size: JIS/IEC 0603, EIA 0201

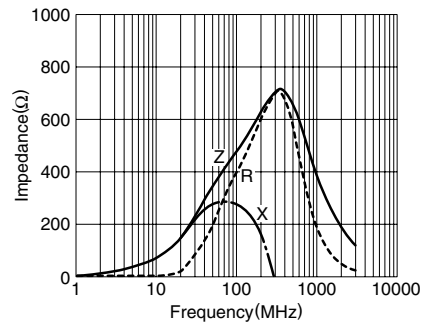
TYPICAL ELECTRICAL CHARACTERISTICS

IMPEDANCE vs. FREQUENCY CHARACTERISTICS

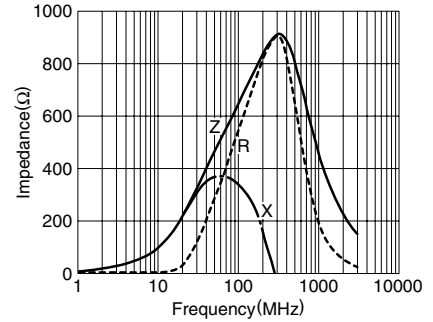
MMZ0603S241C



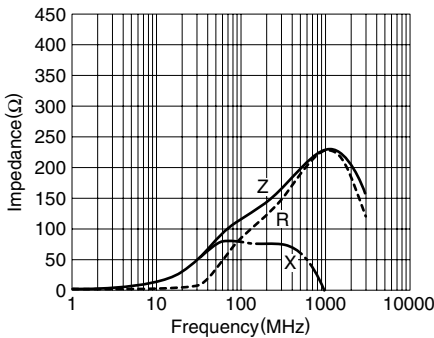
MMZ0603S471C



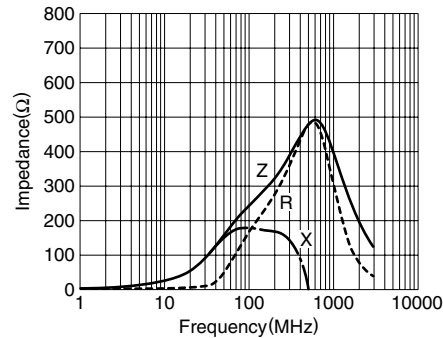
MMZ0603S601C



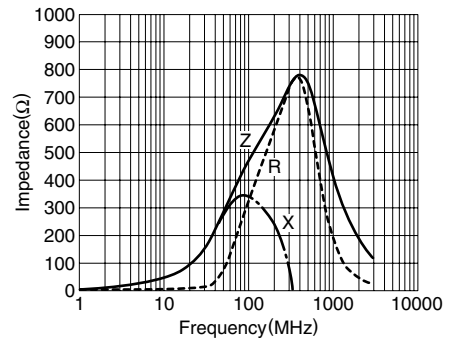
MMZ0603Y121C



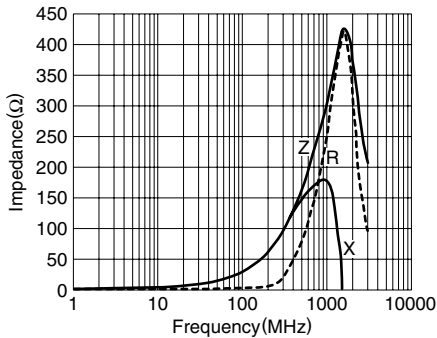
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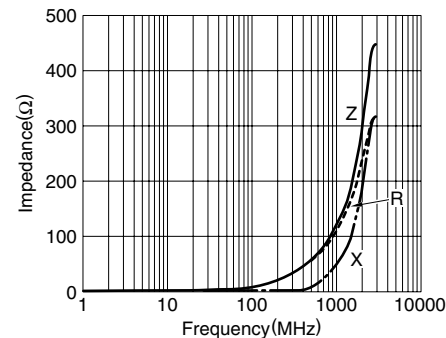
MMZ0603Y471C



MMZ0603D330C



MMZ0603F100C



RECOMMENDED SOLDERING CONDITION

REFLOW SOLDERING

