

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.
- It is a product conforming to RoHS directive.

APPLICATIONS

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

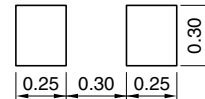
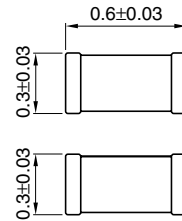
ELECTRICAL CHARACTERISTICS

Part No.	Impedance (Ω)[100MHz]	DC resistance (Ω)max.	Rated current (mA)max.
MMZ0603S100C	10±5Ω	0.15	500
MMZ0603S800C	80±25%	0.5	200
MMZ0603S121C	120±25%	0.8	200
MMZ0603S241C	240±25%	1.0	200
MMZ0603S471C	470±25%	1.8	100
MMZ0603S601C	600±25%	2.0	100
MMZ0603Y121C	120±25%	0.8	200
MMZ0603Y241C	240±25%	1.0	100
MMZ0603Y471C	470±25%	1.8	50
MMZ0603D330C	33±25%	1.0	100
MMZ0603D560C	56±25%	1.3	100
MMZ0603D800C	80±25%	1.5	100
MMZ0603F100C	10±5Ω	0.8	200

TEMPERATURE RANGES

Operating/storage	-55 to +125°C
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SHAPES AND DIMENSIONS/RECOMMENDED PC BOARD PATTERN



Weight: 0.3mg

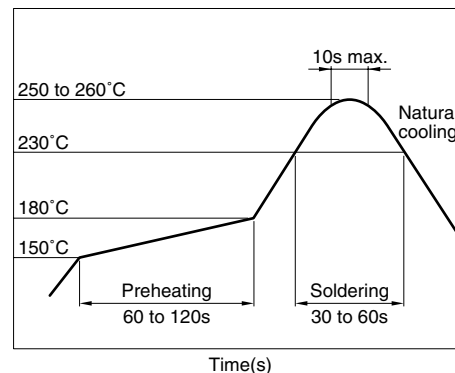
Dimensions in mm



PACKAGING STYLE AND QUANTITIES

Packaging style	Quantity
Taping	15000 pieces/reel

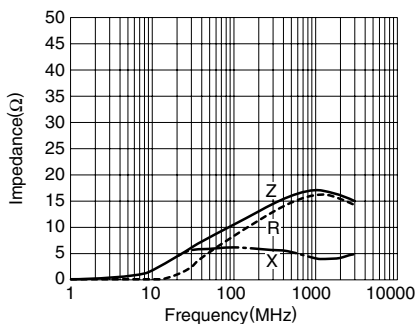
RECOMMENDED SOLDERING CONDITION REFLOW SOLDERING



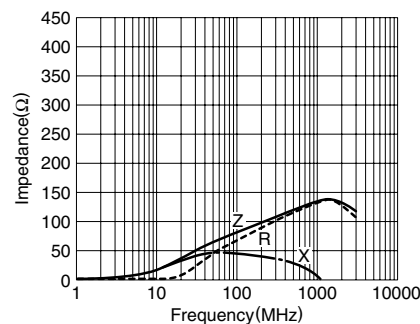
TYPICAL ELECTRICAL CHARACTERISTICS

IMPEDANCE vs. FREQUENCY CHARACTERISTICS

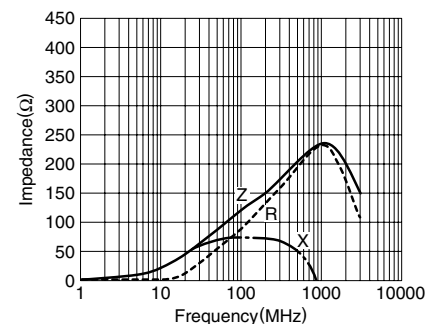
MMZ0603S100C



MMZ0603S800C



MMZ0603S121C



- Conformity to RoHS Directive: This means that, in conformity with EU Directive 2002/95/EC, lead, cadmium, mercury, hexavalent chromium, and specific bromine-based flame retardants, PBB and PBDE, have not been used, except for exempted applications.

- 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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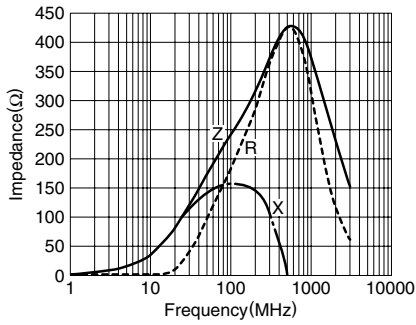
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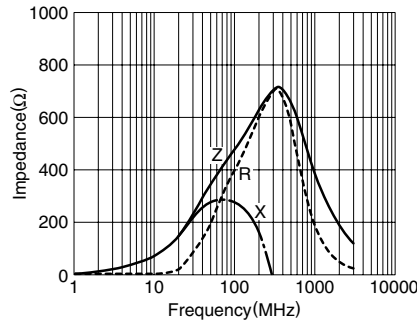
Size: JIS/IEC 0603, EIA 0201

TYPICAL ELECTRICAL CHARACTERISTICS IMPEDANCE vs. FREQUENCY CHARACTERISTICS

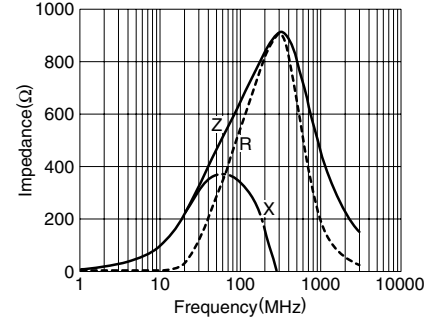
MMZ0603S241C



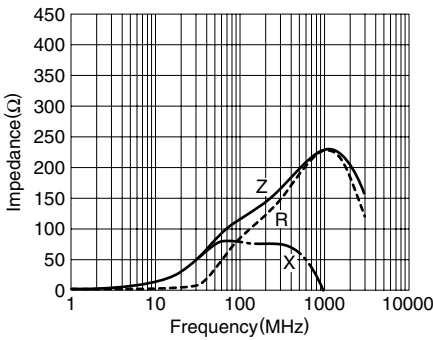
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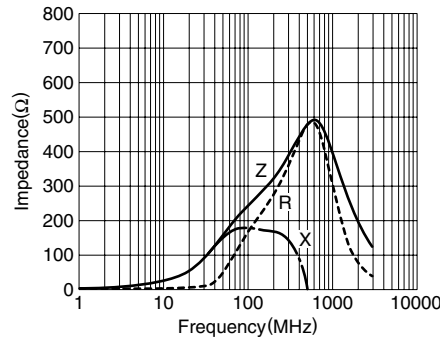
MMZ0603S601C



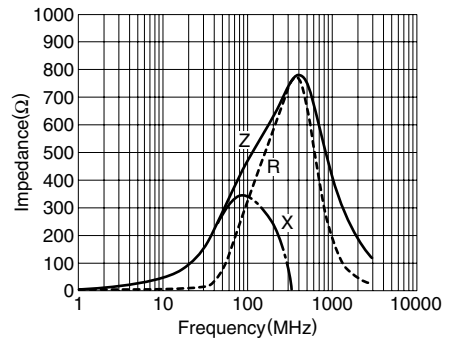
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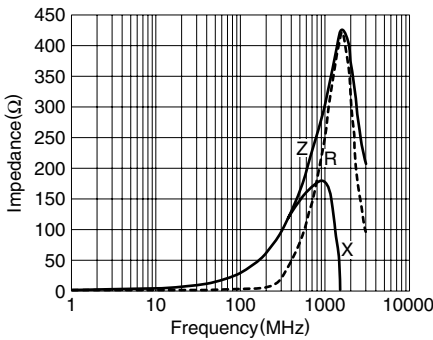
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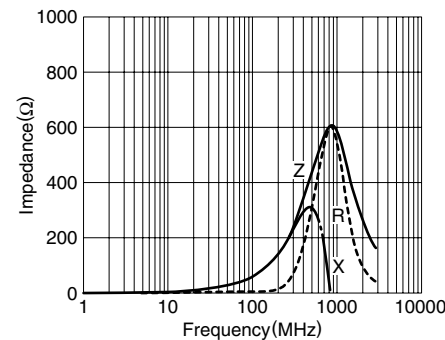
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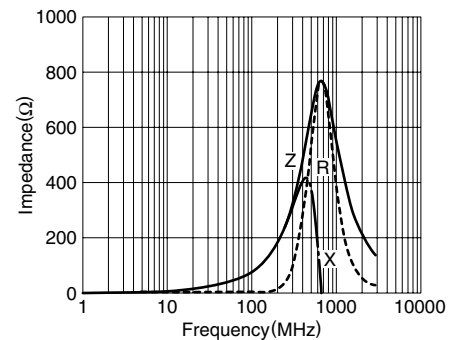
MMZ0603D330C



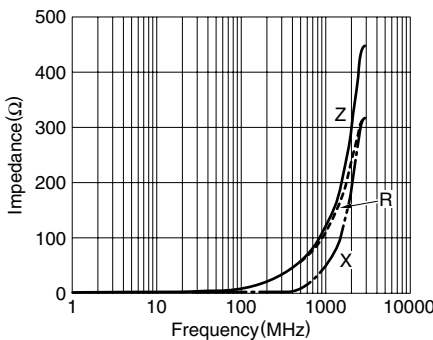
MMZ0603D560C



MMZ0603D800C



MMZ0603F100C



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