

EMC Components

Chip Beads

SMD

MMZ Series MMZ0603 Type

Size: JIS/IEC 0603, EIA 0201

FEATURES

- This is a multi-layered 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.

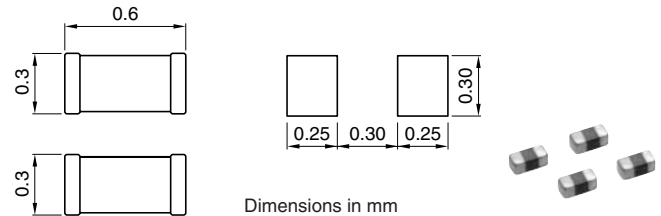
APPLICATIONS

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

ELECTRICAL CHARACTERISTICS

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

SHAPES AND DIMENSIONS/RECOMMENDED PC BOARD PATTERN



TEMPERATURE RANGES

Operating/storage -55 to $+125^{\circ}\text{C}$

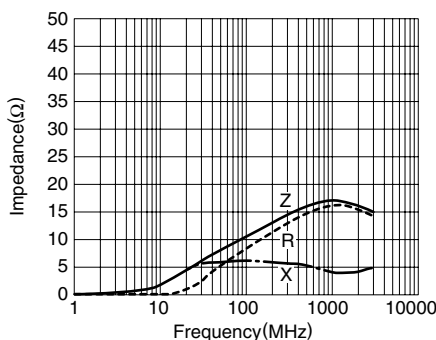
PACKAGING STYLE AND QUANTITIES

Packaging style Quantity
Taping 15000 pieces/reel

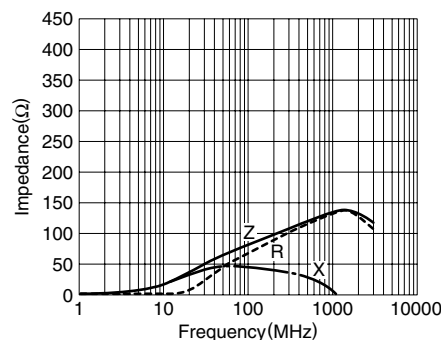
TYPICAL ELECTRICAL CHARACTERISTICS

IMPEDANCE vs. FREQUENCY CHARACTERISTICS

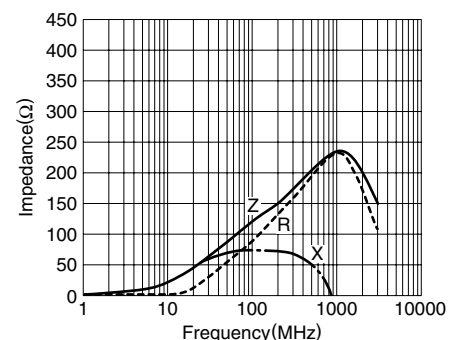
MMZ0603S100C



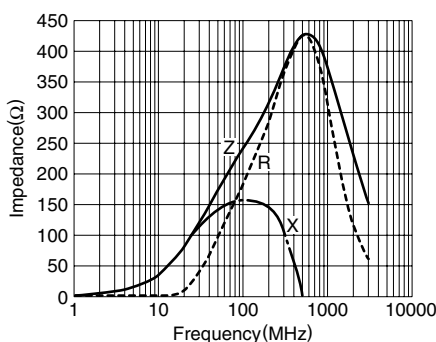
MMZ0603S800C



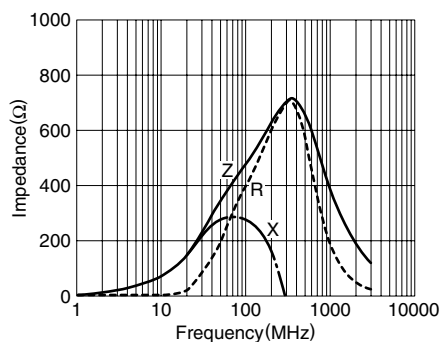
MMZ0603S121C



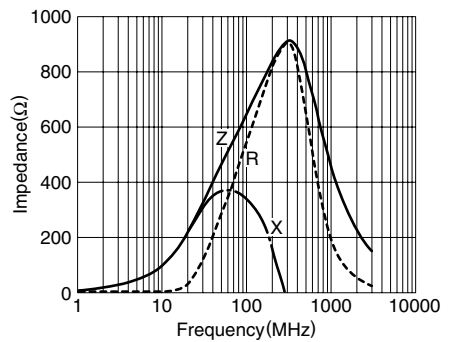
MMZ0603S241C



MMZ0603S471C



MMZ0603S601C



• All specifications are subject to change without notice.

EMC Components

Chip Beads

SMD

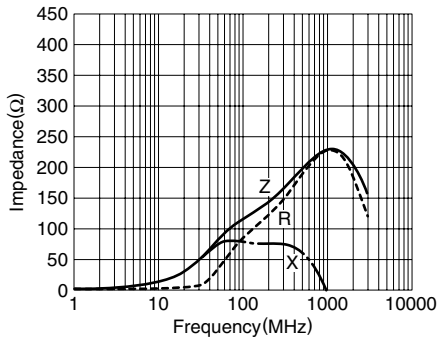
MMZ Series MMZ0603 Type

Size: JIS/IEC 0603, EIA 0201

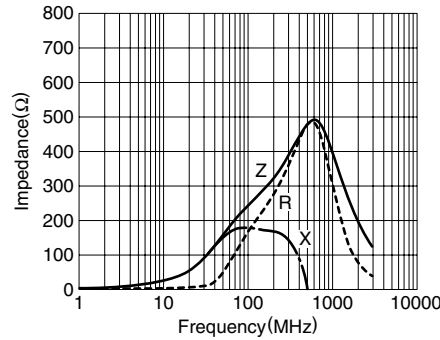
TYPICAL ELECTRICAL CHARACTERISTICS

IMPEDANCE vs. FREQUENCY CHARACTERISTICS

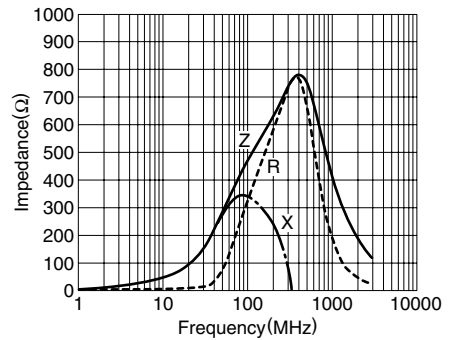
MMZ0603Y121C



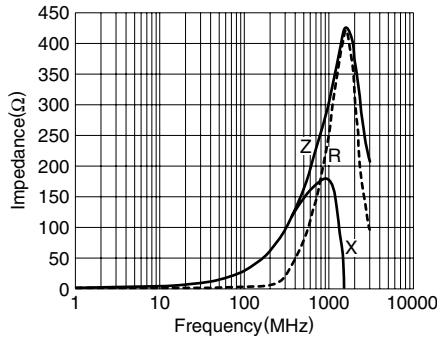
MMZ0603Y241C



MMZ0603Y471C



MMZ0603D330C



RECOMMENDED SOLDERING CONDITION

REFLOW SOLDERING

