

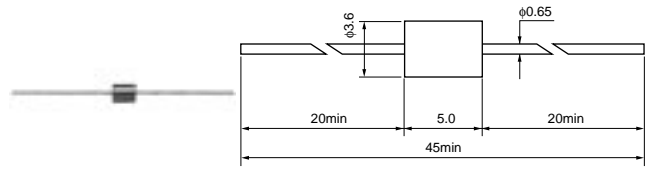
On-Board Type (DC) EMI Suppression Filters(EMIFIL®)



Ferrite Bead Inductors BL01/BL02/BL03 Series

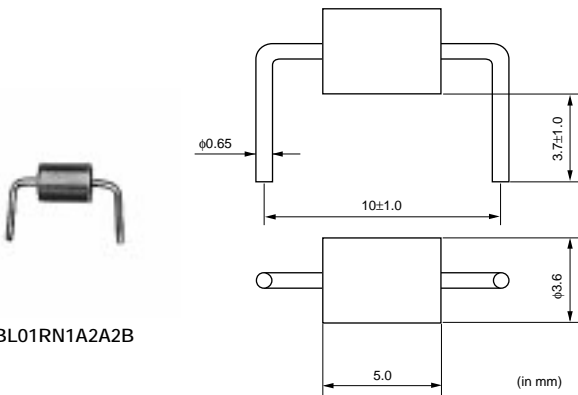
■ Features

These ferrite bead inductors are useful because they can suppress noise only by inserting them in circuit lines. They are suitable for the circuit with unstable ground because they do not need the connection to ground line.



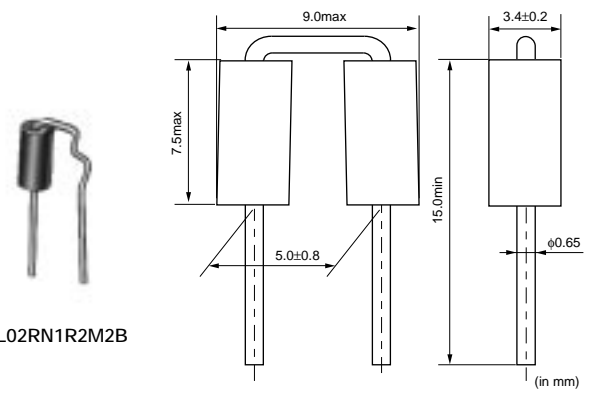
BL01RN1A2A2B

(in mm)



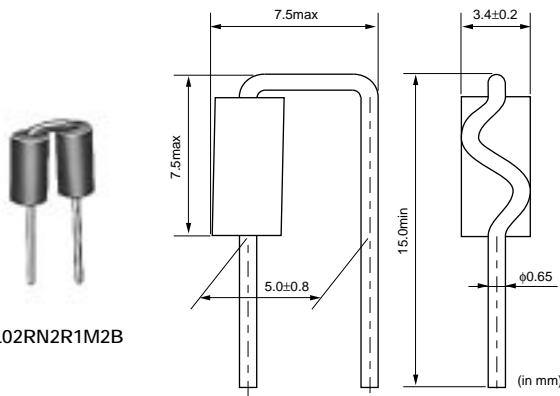
BL01RN1A2A2B

(in mm)



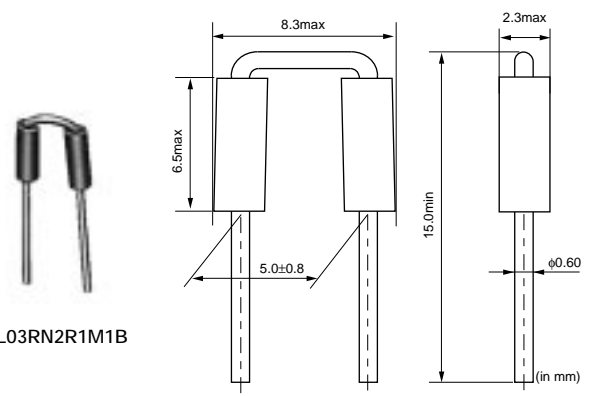
BL02RN1R2M2B

(in mm)



BL02RN2R1M2B

(in mm)

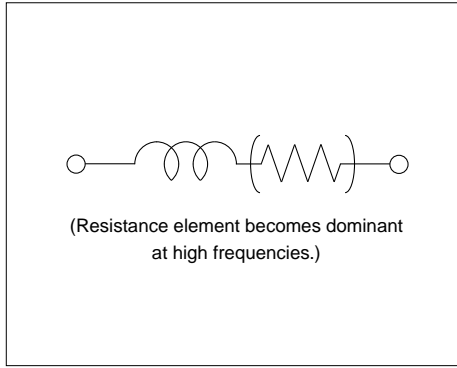


BL03RN2R1M1B

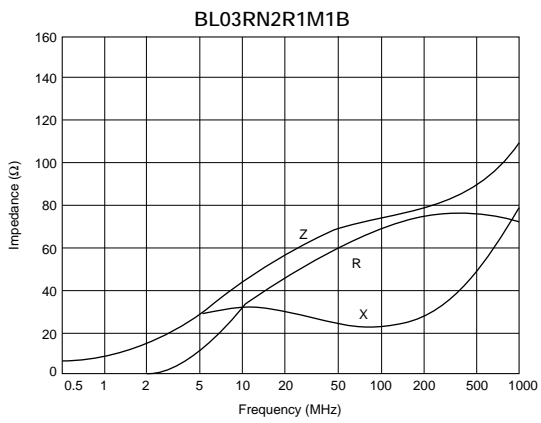
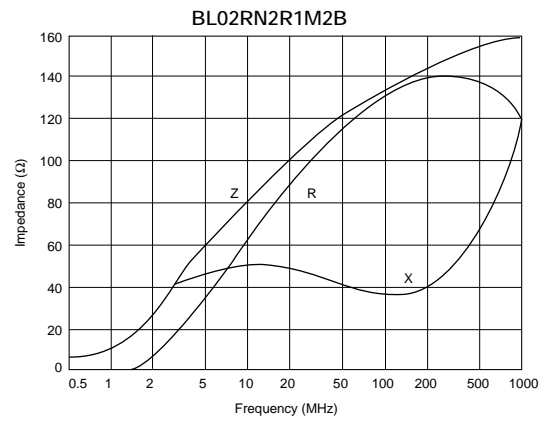
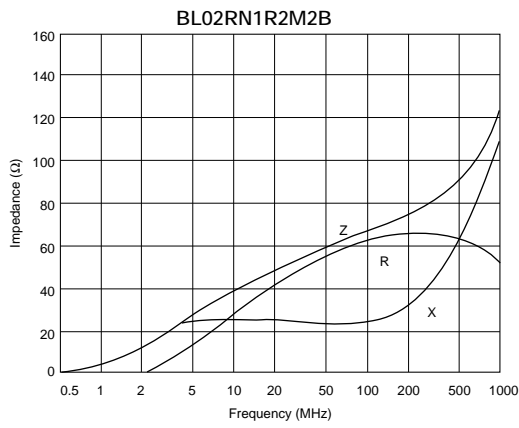
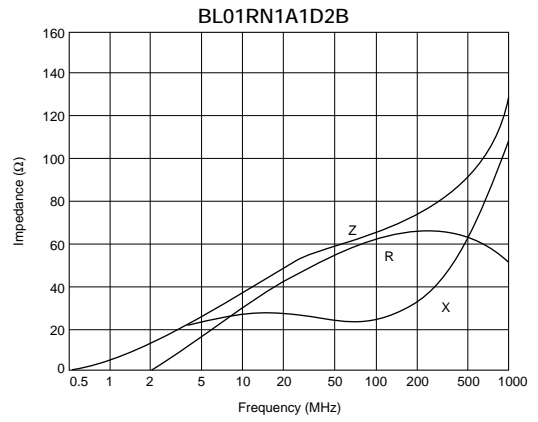
(in mm)

Part Number	Rated Current (mA)	Operating Temperature Range (°C)
BL01RN1A1D2B	7000	-40 to 85
BL01RN1A2A2B	7000	-40 to 85
BL02RN1R2M2B	7000	-40 to 85
BL02RN2R1M2B	7000	-40 to 85
BL03RN2R1M1B	6000	-40 to 85

■ Equivalent Circuit



■ Impedance-Frequency Characteristics



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⟨For customers in Japan⟩

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- ③ Undersea equipment
- ④ Power plant equipment
- ⑤ Medical equipment
- ⑥ Transportation equipment (vehicles, trains, ships, etc.)
- ⑦ Traffic signal equipment
- ⑧ Disaster prevention / crime prevention equipment
- ⑨ Data-processing equipment
- ⑩ Application of similar complexity and/or reliability requirements to the applications listed in the above

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