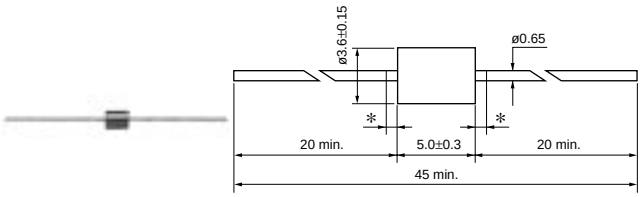
On-Board Type (DC) EMI Suppression Filters (EMIFIL®)

Ferrite Beads Inductors BL01/BL02/BL03 Series

■ Features

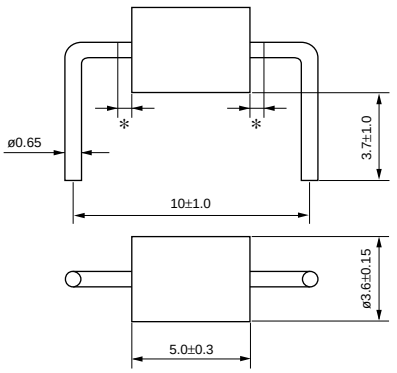
BL01/02/03 series are ferrite beads with lead wires to produce a high frequency loss for suppression of noise. Simple construction and easy-to-use, effective for low impedance circuits such as power supplies and grounds. Effective also for preventing overshoot and undershoot of digital signal in clocks or the like, and suppressing the higher harmonic wave. Suitable for prevention of abnormal oscillation at high frequency amplifying circuit.



∗Coating extending on leads : 1.5 max.

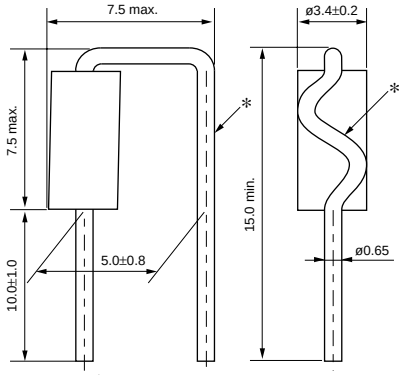
BL01RN1A1D2B

(in mm)



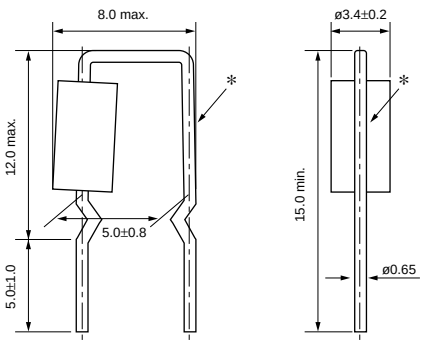
BL01RN1A2A2B

∗Coating extending on leads : 1.5 max. (in mm)



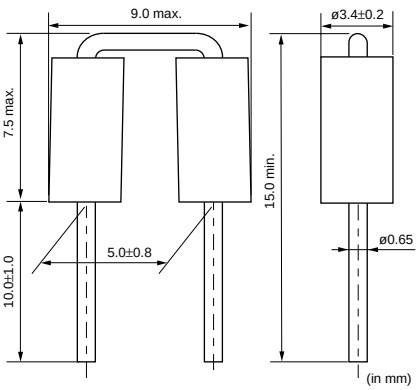
BL02RN1R2M2B

∗There is excess bond stick on the wire. (in mm)



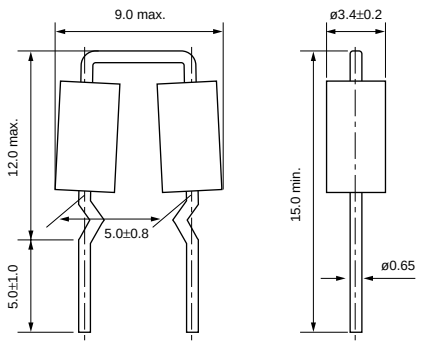
BL02RN1R3J2B

∗There is excess bond stick on the wire. (in mm)



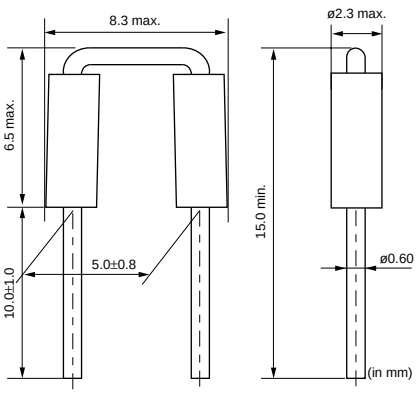
BL02RN2R1M2B

(in mm)



BL02RN2R3J2B

(in mm)

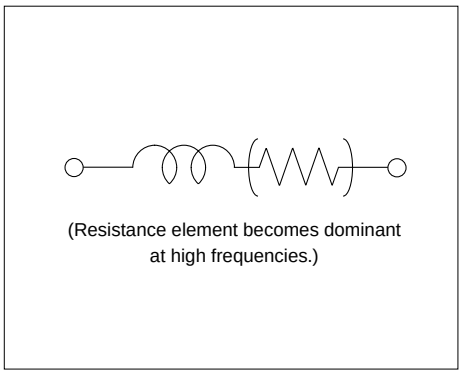


BL03RN2R1M1B

(in mm)

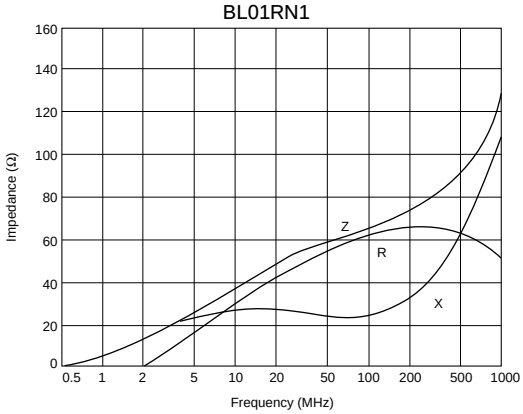
Part Number	Rated Current (A)	Operating Temperature Range (°C)
BL01RN1A1D2B	7	-40 to +85
BL01RN1A1E1A	6	-40 to +85
BL01RN1A1F1J	6	-40 to +85
BL01RN1A2A2B	7	-40 to +85
BL02RN1R2M2B	7	-40 to +85
BL02RN1R2N1A	6	-40 to +85
BL02RN1R2P1A	6	-40 to +85
BL02RN1R2Q1A	6	-40 to +85
BL02RN1R3J2B	7	-40 to +85
BL02RN1R3N1A	6	-40 to +85
BL02RN2R1M2B	7	-40 to +85
BL02RN2R1N1A	6	-40 to +85
BL02RN2R1P1A	6	-40 to +85
BL02RN2R1Q1A	6	-40 to +85
BL02RN2R3J2B	7	-40 to +85
BL02RN2R3N1A	6	-40 to +85
BL03RN2R1M1B	6	-40 to +85
BL03RN2R1N1A	6	-40 to +85
BL03RN2R1P1A	6	-40 to +85
BL03RN2R1Q1A	6	-40 to +85

■ Equivalent Circuit

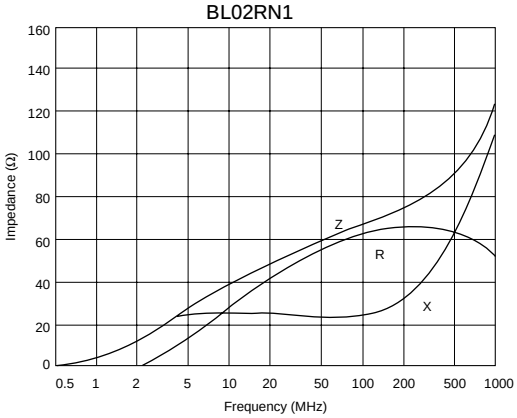


■ Impedance-Frequency Characteristics

BL01RN1



BL02RN1



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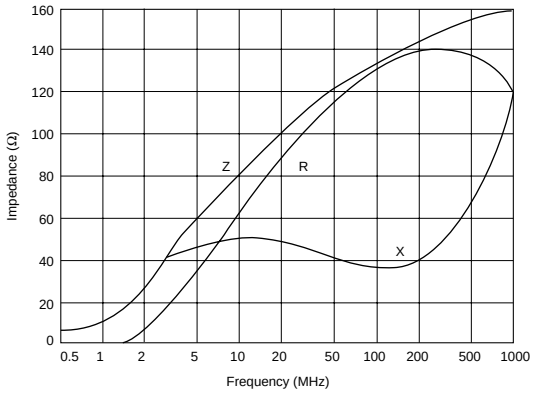
■ Impedance-Frequency Characteristics

BL02RN2



BL03RN2