

muRata Inductor Data Sheet

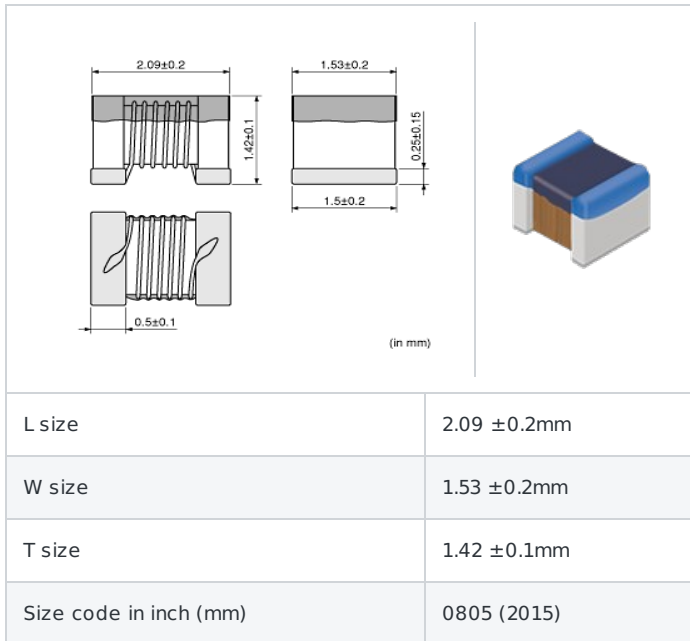
LQW2BANR11J00#

"#" indicates a package specification code.



< List of part numbers with package codes >
LQW2BANR11J00L , LQW2BANR11J00K , LQW2BANR11J00B

Shape



Notes

In operating temperature exceeding +85°C, derating of current is necessary for LQW2BAN_00 series.
Please apply the derating curve shown in chart according to the operating temperature.
When applied Rated current to the Products, self temperature rise shall be limited to 40°C max.
Please confirm "Notice (Rating)".

References

Packaging code	Specifications	Minimum quantity
L	φ 180mm Embossed taping	2000
K	φ 330mm Embossed taping	8000
B	Packing in bulk	500

Mass (Typ.)	
1 piece	0.014g

Specifications

Inductance	110nH ±5%
Inductance test frequency	150MHz
Rated current (Itemp) (Based on Temperature rise)	970mA
Max. of DC resistance	0.38Ω
Q (min.)	57
Q test frequency	250MHz
Self resonance frequency (min.)	1200MHz
Operating temperature range (Self-temperature rise is included)	-55~125°C

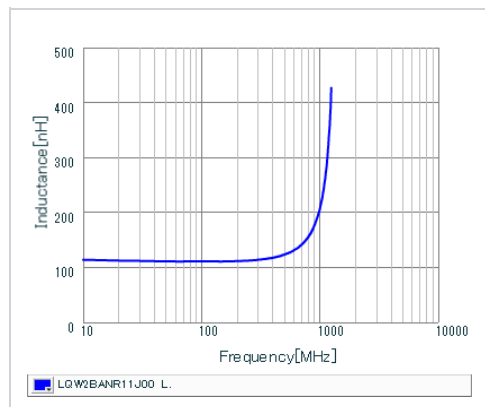
1 of 2

Attention

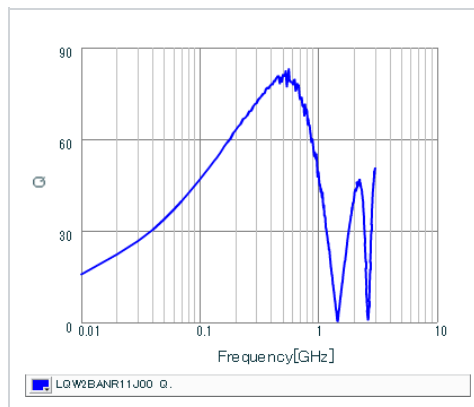
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- 2.This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

" Inductance-Frequency characteristics (Typ.)



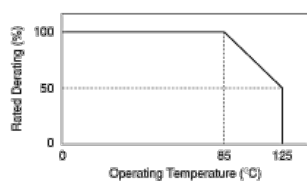
" Q-Frequency characteristics (Typ.)



" Notice (Rating)

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Derating of Rated Current



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