

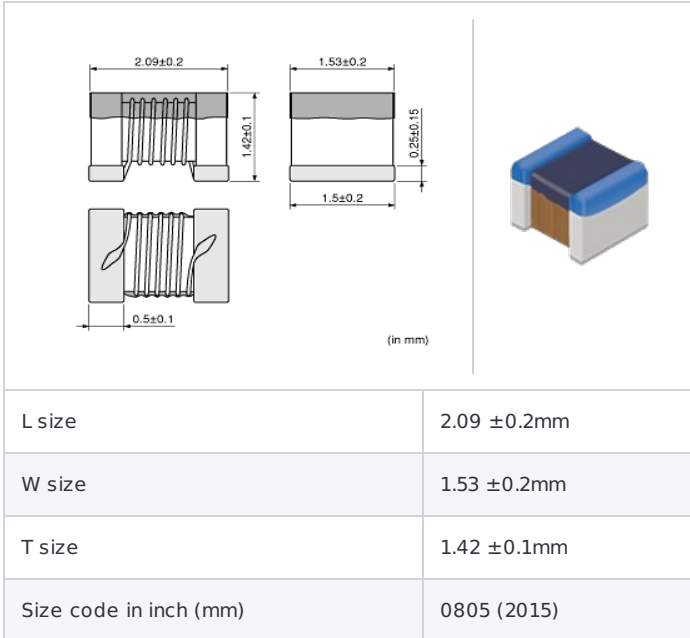
# LQW2BANR10G00#

"#" indicates a package specification code.



< List of part numbers with package codes >  
 LQW2BANR10G00L , LQW2BANR10G00K , LQW2BANR10G00B

## 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

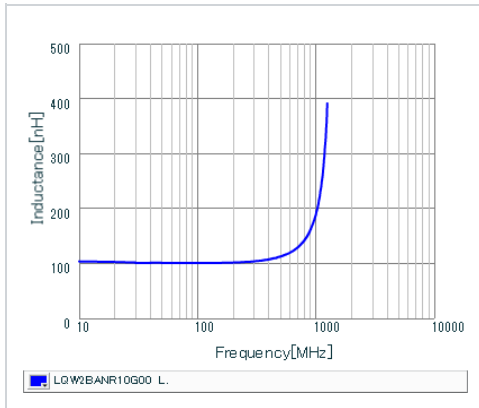
Inductance	100nH ±2%
Inductance test frequency	150MHz
Rated current (Itemp) (Based on Temperature rise)	1050mA
Max. of DC resistance	0.35Ω
Q (min.)	66
Q test frequency	500MHz
Self resonance frequency (min.)	1200MHz
Operating temperature range (Self-temperature rise is included)	-55~125°C

### Attention

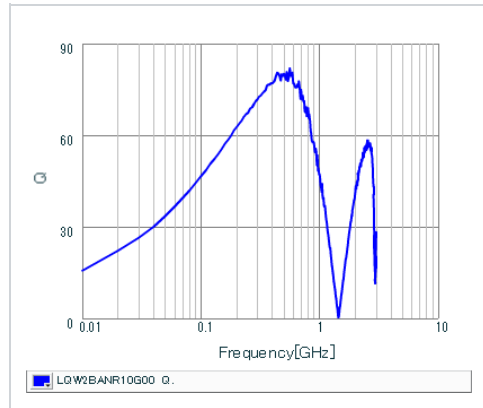
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**Chart of characteristic data (The charts below may show another part number which shares its characteristics.)**

▪ Inductance-Frequency characteristics (Typ.)



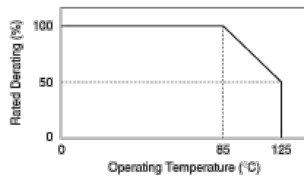
▪ Q-Frequency characteristics (Typ.)



▪ Notice (Rating)

In operating temperature exceeding +85°C, derating of current is necessary for LQW2BAN series. Please apply the derating curve shown in chart according to the operating temperature.

Derating of Rated Current



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