muRata Inductor Data Sheet





< List of part numbers with package codes > LQB15NNR33K10D , LQB15NNR33K10B

Shape 1.0±0.05 0.5±0.05 0.5±0.05 0.25±0.1 : Electrode (în mm) 1.0 ±0.05mm L size W size 0.5 ±0.05mm T size 0.5 ±0.05mm Size code in inch (mm) 0402 (1005)

Notes

When rated current is applied to the products, self-generation of heat will rise to 25°C or less.

References

Packaging code	Specifications	Minimum quantity
D	φ180mm Paper taping	10000
В	Packing in bulk	1000

	Mass (Typ.)	
1 piece		0.001g

Specifications

Inductance	330nH ±10%
Inductance test frequency	25MHz
Rated current (Itemp) (Based on Temperature rise)	300mA
Max. of DC resistance	0.6Ω
Avg. of DC resistance	0.48 Ω ±25%
Q (min.)	10
Q test frequency	25MHz
Self resonance frequency (min.)	80MHz
Operating temperature range	-55~125°C
Class of magnetic shield Series	Ferrite Core LQB15NN_10

🔔 Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued

without advance notice. Please check with our sales representatives or product engineers before ordering.

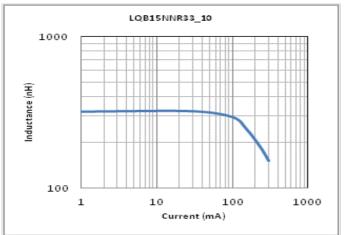
2. This datasheet has only typical specifications because there is no space for detailed specifications

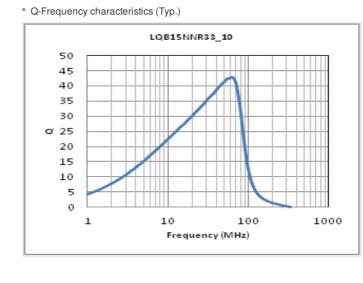
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.



Inductance-Current characteristics (Typ.)

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





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