

muRata Inductor Data Sheet

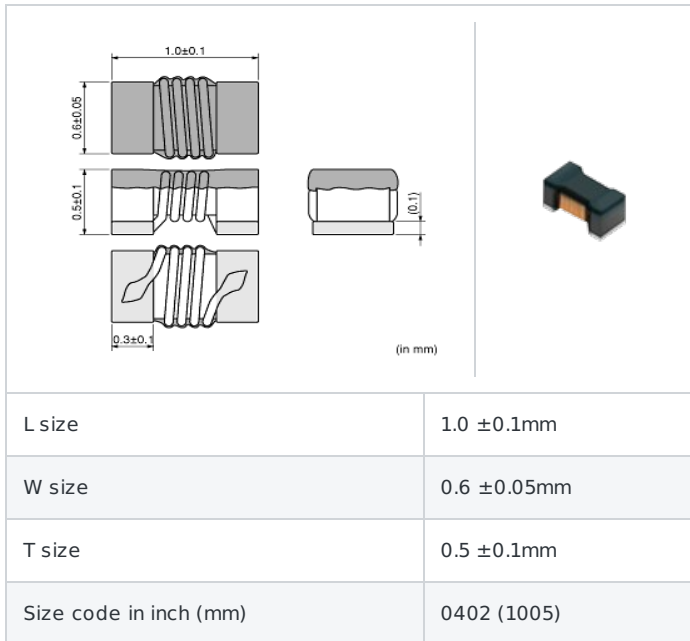
LQW15CNR39J1Z#

"#" indicates a package specification code.



< List of part numbers with package codes >
LQW15CNR39J1ZD , LQW15CNR39J1ZB

Shape



Notes

In operating temperature exceeding $+85^{\circ}\text{C}$, derating of current is necessary for LQW15C series.
Please apply the derating curve shown in chart according to the operating temperature.
Please confirm the below "Notice (Rating)".

References

Packaging code	Specifications	Minimum quantity
D	φ 180mm Paper taping	10000
B	Packing in bulk	500

Mass (Typ.)	
1 piece	0.001g

Specifications

Inductance	$390\text{nH} \pm 5\%$
Inductance test frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	370mA
Max. of DC resistance	0.62Ω
Self resonance frequency (min.)	450MHz
Operating temperature range (Self-temperature rise is not included)	$-40 \sim 125^{\circ}\text{C}$
Class of magnetic shield	No magnetic shield

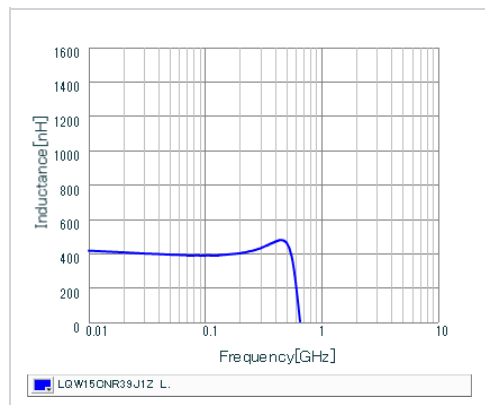
1 of 2

Attention

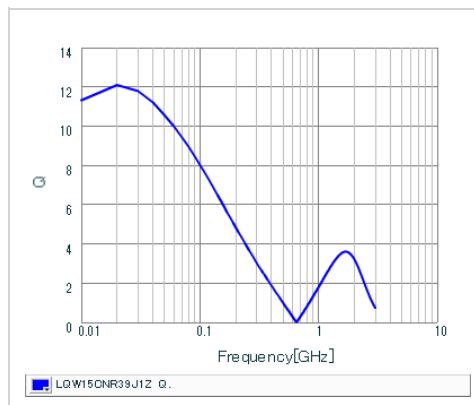
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Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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

" Inductance-Frequency characteristics (Typ.)



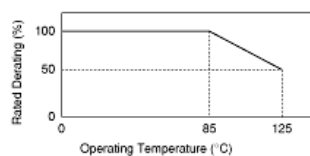
" Q-Frequency characteristics (Typ.)



" Notice (Rating)

In operating temperature exceeding +85°C, derating of current is necessary for LQW15C series. Please apply the derating curve shown in chart according to the operating temperature.

Derating of Rated Current



⚠ Attention

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