LQW15CN53NJ1Z# "#" indicates a package specification code.









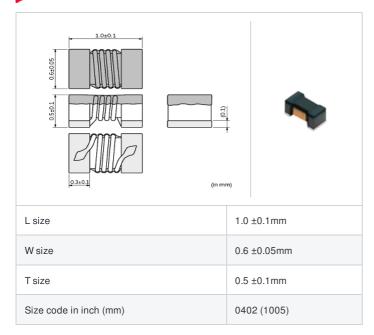






< List of part numbers with package codes > LQW15CN53NJ1ZD , LQW15CN53NJ1ZB

Shape



References

Packaging code	Specifications	Minimum quantity
D	φ180mm Paper taping	10000
В	Packing in bulk	500

	Mass (Typ.)	
1 piece		0.001g

Specifications

Inductance	53nH ±5%
Inductance test frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	1300mA
Max. of DC resistance	0.06Ω
Self resonance frequency (min.)	2000MHz
Operating temperature range (Self-temperature rise is not included)	-40 to 125°C
Class of magnetic shield	No Shield
Series	LQW15CN_1Z

1 of 3



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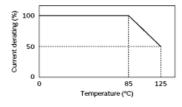


^{2.} This datasheet has only typical specifications because there is no space for detailed specifications



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

Derating of Rated Current



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Attention

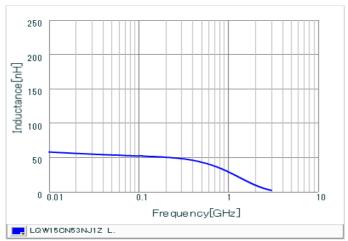
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

Inductance-Frequency characteristics (Typ.)



Q-Frequency characteristics (Typ.)



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