muRata Inductor Data	Sheet				
LQW15CNR20J0Z# "#" indicates a package specification code.					
In Production Info- 🚓 AEC- tainment Q200 Cmax. (Ferri					
< List of part numbers with package codes > LQW15CNR20J0ZD ,LQW15CNR20J0ZB					
Shape		Note	25		
		necessar Please ap operating Please co	In operating temperatures exceeding +85°C, derating of current is necessary for the LQW15C series. Please apply the derating curve shown in the chart according to the operating temperature. Please consider "Notice (Rating)." References		
0.3±0.1 0.3±0.1	m)	Packaging code	Specifications	Minimum quantity	
(in mm)		D	φ180mm Paper taping	10000	
L size	1.0 ±0.1mm	В	Packing in bulk	500	
Wsize	0.55 ±0.1mm				
T size	0.5 ±0.1mm		Mass (Typ.)		
Size code in inch (mm)	0402 (1005)	2 (1005) 1 piece 0.001g			

## Specifications

Inductance	200nH ±5%
Inductance test frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	390mA
Max. of DC resistance	0.47Ω
Self resonance frequency (min.)	800MHz
Operating temperature range (Self-temperature rise is not included)	-40~125°C
Class of magnetic shield	No Shield
Series	LQW15CN_0Z

#### 🔔 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.

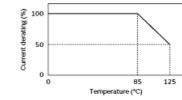
2. This datasheet has only typical specifications because there is no space for detailed specifications.

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

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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

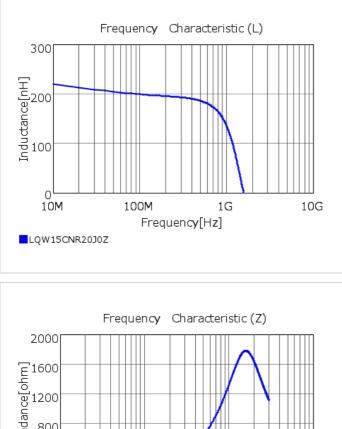


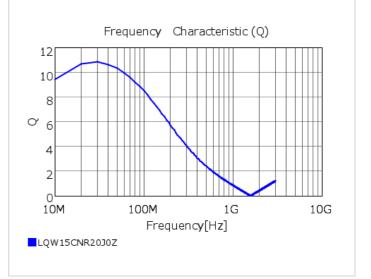
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## Chart of characteristic data (The charts below may show another part number which shares its characteristics.)





# [1600 1200 800 400 400 0 10M 100M 1G 10G Frequency[Hz]

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LQW15CNR20J0Z

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