muRata Inductor Data	Sheet				
LQW15CN18NJ0Z# "#" indicates a package specification code.					
In Production Info- 🚓 AEC- tainment Q200 Cmax (Ferri	Reflow RoHS REACH				
< List of part numbers with package codes > LQW15CN18NJ0ZD , LQW15CN18NJ0ZB					
Shape		Note	es		
1.0±0.1		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	
W size	0.55 ±0.1mm				
Tsize	0.5 ±0.1mm		Mass (Typ.)		
Size code in inch (mm)	0402 (1005)	1 piece 0.001g			

Specifications

Inductance	18nH ±5%
Inductance test frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	1400mA
Max. of DC resistance	0.046Ω
Self resonance frequency (min.)	3000MHz
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.

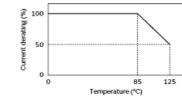
2. This datasheet has only typical specifications because there is no space for detailed specifications.

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

1 of 3



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

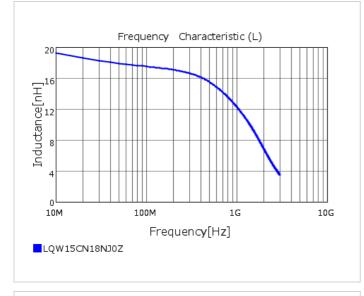


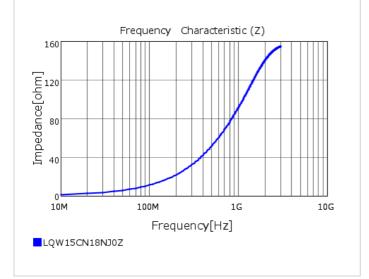
🔔 Attention

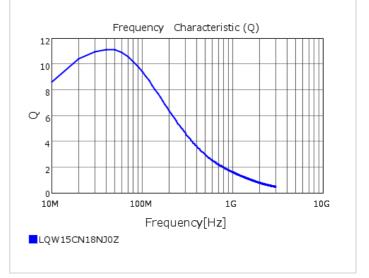
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)







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