	muRata Inductor Data S	Sheet					
	LQW2BAN3N2J00# "#" indicates a package specification code.						
	< List of part numbers with package codes > LQW2BAN3N2J00L , LQW2BAN3N2J00K , LQW2BAN3N2J00B						
1	Shape Notes						
	20902	Please consider 'Notice (Rating).' When rated current is applied to the products, self-temperature rise shall be limited to 40 °C max.					
			References				
		11111	Packaging code	Specifications	Minimum quantity		
			L	φ180mm Embossed taping	2000		
	(in mm)	and the	К	φ330mm Embossed taping	8000		
-			В	Packing in bulk	500		
	L size	2.09 ±0.2mm					
	W size	1.53 ±0.2mm	±0.2mm		Mass (Typ.)		
	Tsize	1.42 ±0.1mm	1 piece		0.014g		
-							

0805 (2015)

# Specifications

Size code in inch (mm)

Inductance	3.2nH ±5%
Inductance test frequency	250MHz
Rated current (Itemp) (Based on Temperature rise)	3800mA
Max. of DC resistance	0.02Ω
Q (min.)	95
Q test frequency	1500MHz
Self resonance frequency (min.)	13800MHz
Operating temperature range (Self-temperature rise is included)	-55 to 125°C
Series	LQW2BAN_00

## 🔔 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

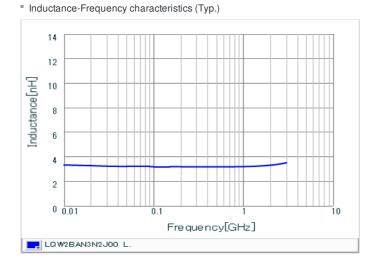


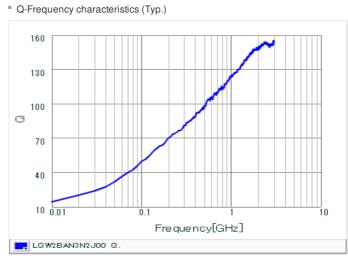
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# Chart of characteristic data (The charts below may show another part number which shares its characteristics.)





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