muRata Inductor Data S	Sheet				
LQW15AN56NG80# "#" indicates a package specification code.					
In Production General 125 Cmax Wound LowRdc High (Non (Non)) Cmax High Q Fight Reflow RoHS REACH					
< List of part numbers with package codes > LQW15AN56NG80D , LQW15AN56NG80B					
Shape		Note	95		
	IJ	necessar Please ap operating Please co	ng temperatures exceeding +85°C, der y for the LQW15A_80 series. oply the derating curve shown in the cha temperature. onsider "Notice (Rating)." erences Specifications \$	0	
L size	1.0 ±0.1mm	В	Packing in bulk	500	
W size	0.6 ±0.1mm				
T size	0.5 ±0.1 mm		Mass (Typ.)		
Size code in inch (mm)	0402 (1005)	1 piece 0.0009g			

Specifications

Inductance	56nH ±2%
Inductance test frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	340mA
Max. of DC resistance	0.996Ω
Q (min.)	25
Q test frequency	200MHz
Self resonance frequency (min.)	2.9GHz
Operating temperature range (Self-temperature rise is not included)	-55∼125°C
Series	LQW15AN_80

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without advance notice. Please check with our sales representatives or product engineers before ordering.

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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



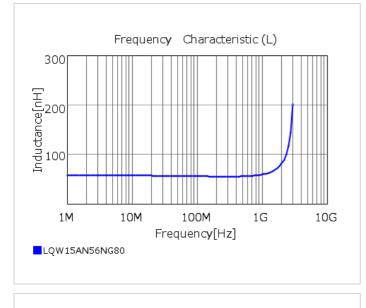
🔔 Attention

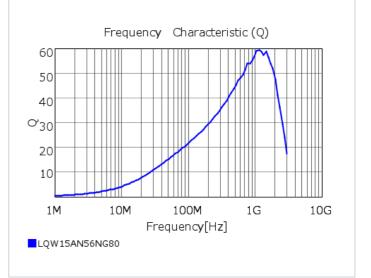
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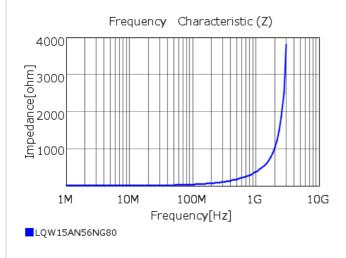
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)







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