LQM21PZ4R7NGR# "#" indicates a package specification code.













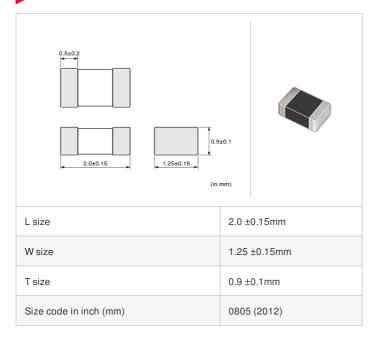






< List of part numbers with package codes > LQM21PZ4R7NGRD , LQM21PZ4R7NGRB

Shape



References

Packaging code	Specifications	Minimum quantity
D	ф180mm Paper taping	4000
В	Packing in bulk	1000

	Mass (Typ.)	
1 piece		0.012g

Specifications

Inductance	4.7μH ±30%
Inductance test frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	0.8A(Ambient temp.85°C) 0.6A(Ambient temp.125°C)
Max. of DC resistance	0.288Ω
Avg. of DC resistance	0.23Ω±25%
Self resonance frequency (min.)	30MHz
Operating temperature range	-55∼125°C
Class of magnetic shield	Ferrite Core
Series	LQM21PZ_GR

1 of 3



1 Attention

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



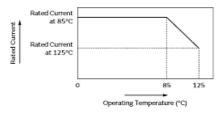
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^{2.} This datasheet has only typical specifications because there is no space for detailed specifications



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

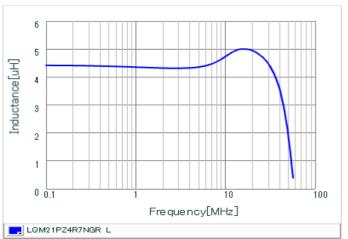
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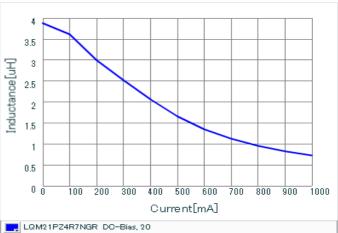
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

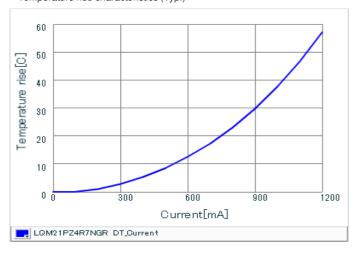
Inductance-Frequency characteristics (Typ.)







Temperature rise characteristics (Typ.)



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