muRata Inductor Data Sheet

# LQM2HPN3R3MJ0# "#" indicates a package specification code.



< List of part numbers with package codes > LQM2HPN3R3MJ0L , LQM2HPN3R3MJ0B

#### Shape



1008 (2520)

### References

Packaging code	Specifications	Minimum quantity
L	φ180mm Embossed taping	3000
В	Packing in bulk	1000

Mass (Typ.)	
1 piece	0.027g

#### Specifications

Size code in inch (mm)

Inductance	3.3µH ±20%
Inductance test frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	1000mA
Max. of DC resistance	0.150Ω
Avg. of DC resistance	0.12Ω±25%
Self resonance frequency (min.)	30MHz
Operating temperature range	-55°C to 125°C
Class of magnetic shield	Ferrite Core
Series	LQM2HPN_J0

#### 🔔 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

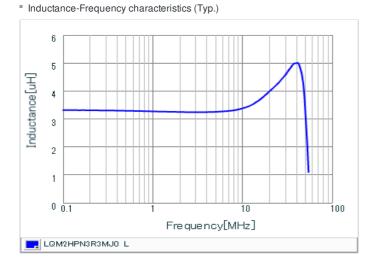
without advance notice. Please check with our sales representatives or product engineers before ordering.

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.



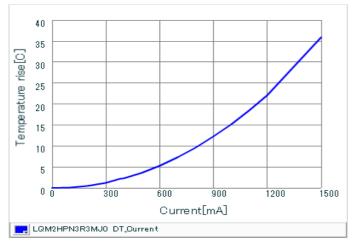
## Chart of characteristic data (The charts below may show another part number which shares its characteristics.)



4 3.5 [nductance[uH] 3 2.5 2 1.5 1 0.5 0 ក្ 200 400 600 800 1000 1200 1400 1600 Current[mA] 📃 LQM2HPN3R3MJ0 DC-Bias, 20

Inductance-Current characteristics (Typ.)

Temperature rise characteristics (Typ.)



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