muRata Inductor Data Sheet

LQM2HPN3R3MGS#
"#" indicates a package specification code.

In Production | General | 85°C max. | Multi-layer | Reflow OK | Flow OK | RoHS | REACH

< List of part numbers with package codes >
LQM2HPN3R3MGSL , LQM2HPN3R3MGSB

Shape

(in mm)

L size	2.5 ±0.2mm
W size	2.0 ±0.2mm
T size	0.9 ±0.1mm
Size code in inch (mm)	1008 (2520)
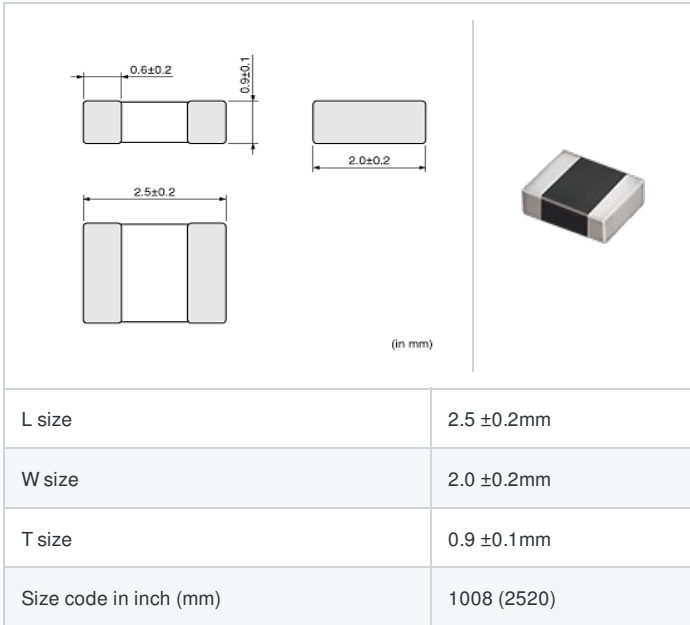
References

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

| Mass (Typ.)	
1 piece	0.022g

Specifications

| Inductance	3.3μH ±20%
Inductance test frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	1050mA
Max. of DC resistance	0.263Ω
Avg. of DC resistance	0.21Ω ±25%
Self resonance frequency (min.)	20MHz
Operating temperature range	-40℃ to 85℃
Class of magnetic shield	Ferrite Core
Series	LQM2HPN_GS

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

Inductance-Frequency characteristics (Typ.)
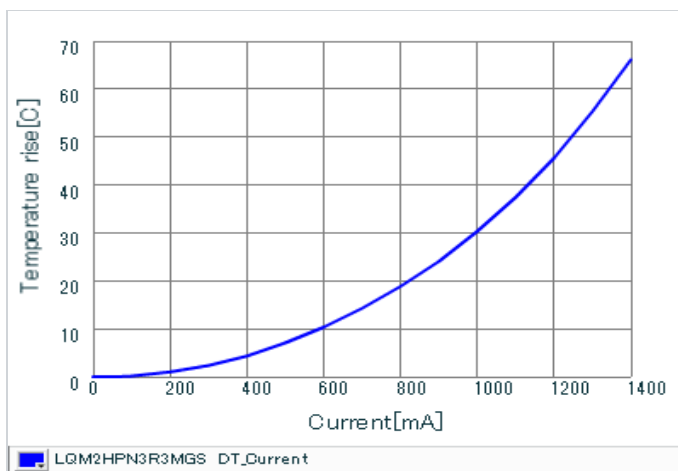

LQM2HPN3R3MGS L
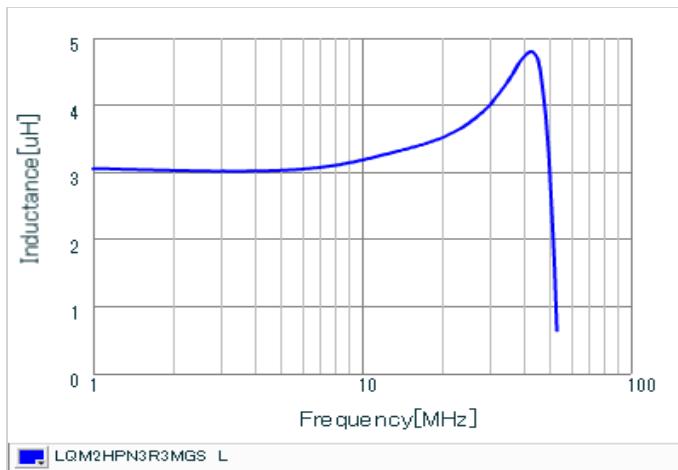
Inductance-Current characteristics (Typ.)

LQM2HPN3R3MGS DC-Bias, 20
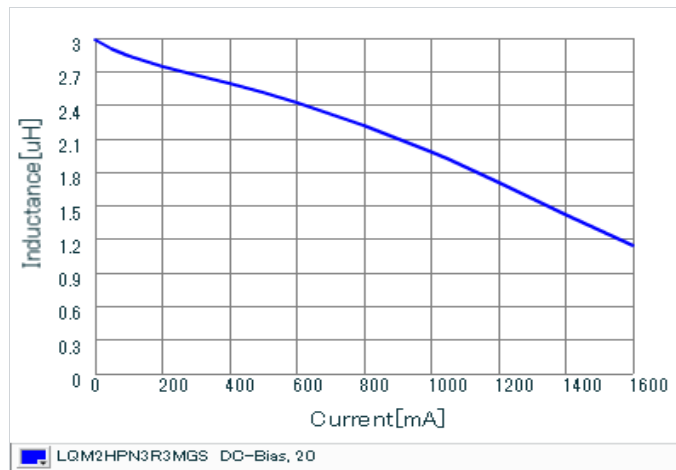
Temperature rise characteristics (Typ.)

LQM2HPN3R3MGS DT_Current

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