muRata Inductor Data Sheet

LQM2HPNR56ME0# "#" indicates a package specification code.



< List of part numbers with package codes > LQM2HPNR56ME0L , LQM2HPNR56ME0B

# Shape

0.6±0.2 2.0±0.2 2.5±0.2	
(in mm)	
L size	2.5 ±0.2mm
Wsize	2.0 ±0.2mm
T size	0.7 ±0.1mm
Size code in inch (mm)	1008 (2520)

# References

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

	lass (Typ.)
1 piece	0.016g

## Specifications

Inductance	0.56µH ±20%
Inductance test frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	1500mA
Max. of DC resistance	0.0750Ω
Avg. of DC resistance	$0.06\Omega\pm25\%$
Self resonance frequency (min.)	70MHz
Operating temperature range	-55°C to 125°C
Class of magnetic shield	Ferrite Core
Series	LQM2HPN_E0

### 🔔 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

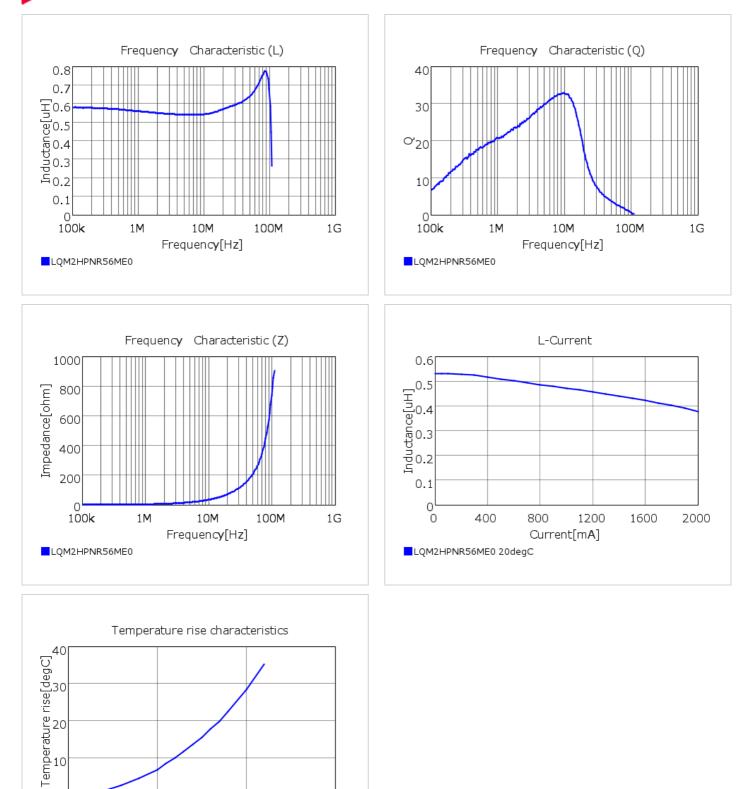
without advance notice. Please check with our sales representatives or product engineers before ordering.

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.)



#### 🔔 Attention

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Current[mA]

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