

LQM31PN4R7M00#

" # " indicates a package specification code.

In Production

General

125℃

Multi-layer

Reflow OK

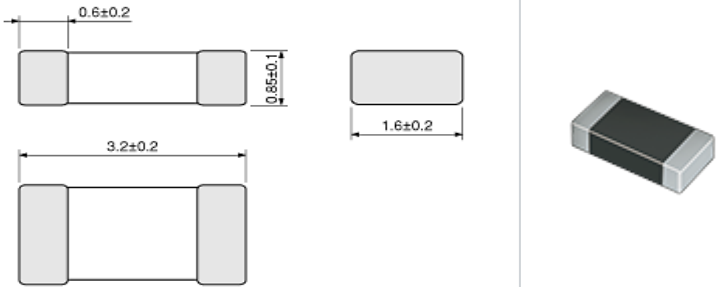
Flow OK

RoHS

REACH

< List of part numbers with package codes >
LQM31PN4R7M00L , LQM31PN4R7M00B

Shape



(in mm)

L size	3.2 ± 0.2mm
W size	1.6 ± 0.2mm
T size	0.85 ± 0.1mm
Size code in inch (mm)	1206 (3216)

References

Packaging code	Specifications	Minimum quantity
L	180mm Embossed taping	3000
B	Packing in bulk	1000

Mass (Typ.)	
1 piece	0.024g

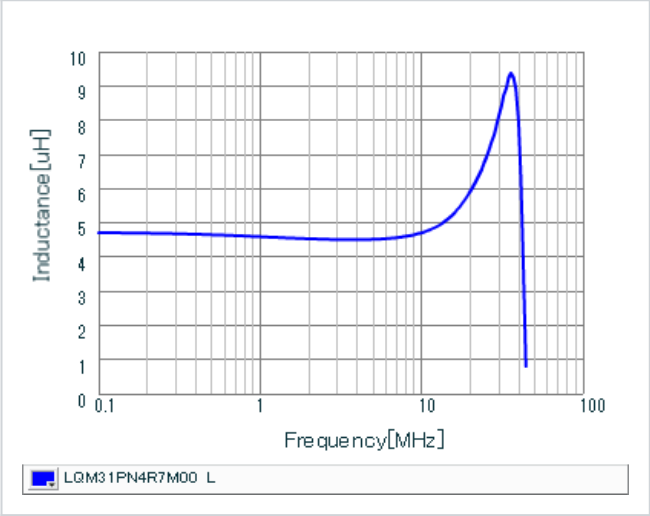
Specifications

Inductance	4.7μH ± 20%
Inductance test frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	700mA
Max. of DC resistance	0.375
Avg. of DC resistance	0.30 ± 25%
Self resonance frequency (min.)	25MHz
Operating temperature range	-55 ~ 125
Class of magnetic shield	Magnetic shield of ferrite

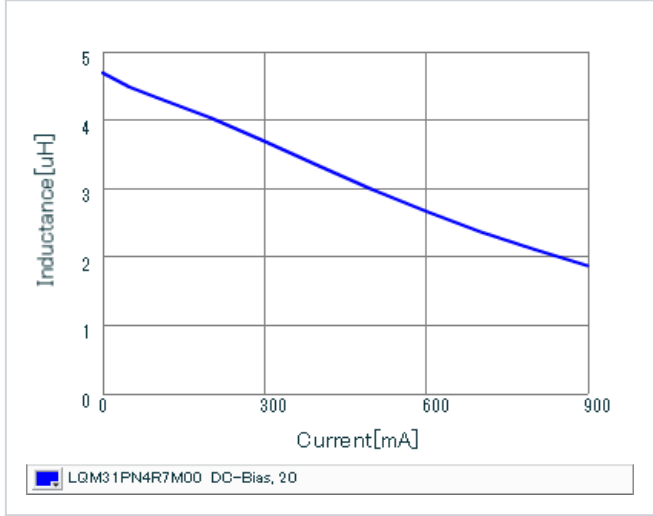
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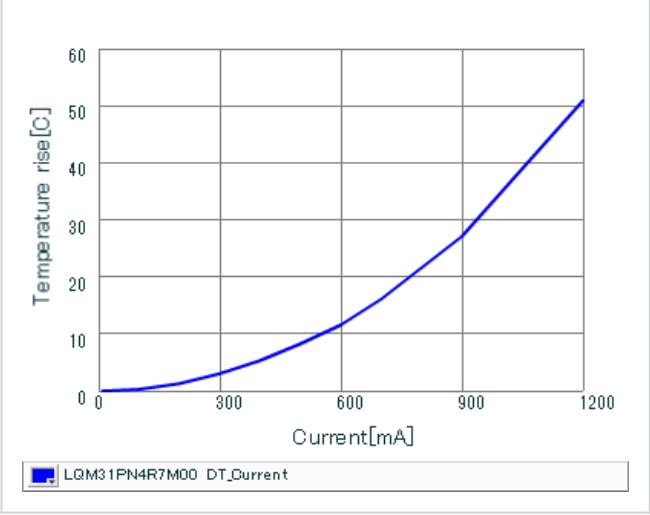
Inductance-Frequency characteristics (Typ.)



Inductance-Current characteristics (Typ.)



Temperature rise characteristics (Typ.)



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