

LQM18PN1R5NB0#

" # " indicates a package specification code.

Recommended

General

Multi-layer

Thickness  
0.4mm  
max.

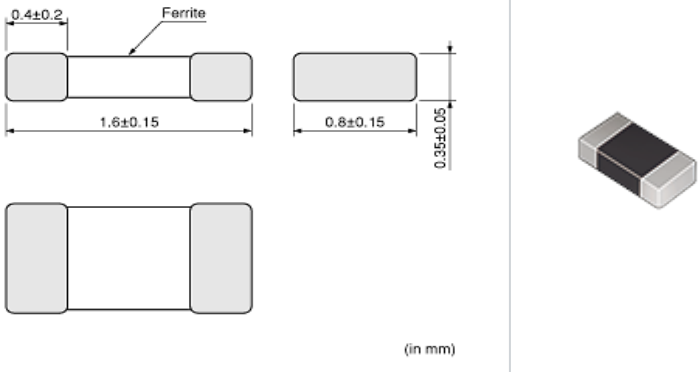
Reflow  
OK

Flow OK

RoHS

< List of part numbers with package codes >  
LQM18PN1R5NB0L , LQM18PN1R5NB0B

Shape



(in mm)

|                     |               |
|---------------------|---------------|
| L size              | 1.6 ± 0.15mm  |
| W size              | 0.8 ± 0.15mm  |
| T size              | 0.35 ± 0.05mm |
| Size code mm (inch) | 1608 (0603)   |

References

| Packaging code | Specifications           | Minimum quantity |
|----------------|--------------------------|------------------|
| L              | Embossed tape ( φ 180mm) | 4000             |
| B              | Packing in bulk          | 1000             |

| Mass (Typ.) |        |
|-------------|--------|
| 1 piece     | 0.002g |

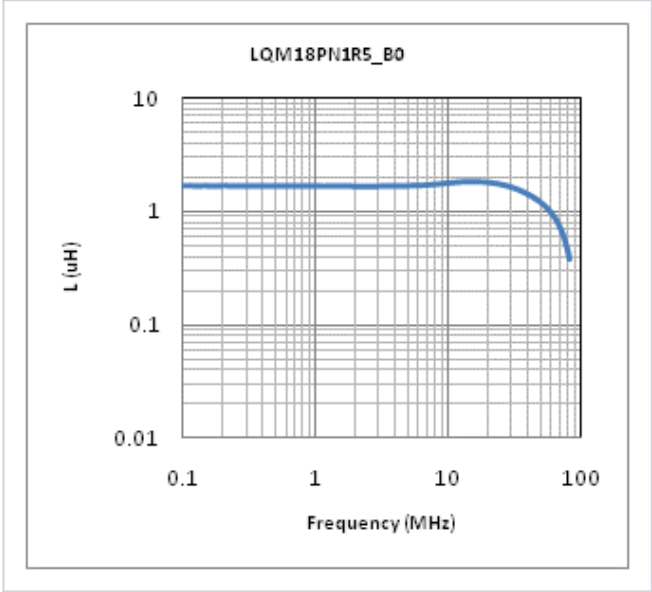
Specifications

|                                                   |                            |
|---------------------------------------------------|----------------------------|
| Inductance                                        | 1.5μH ± 30%                |
| Inductance test frequency                         | 1MHz                       |
| Rated current (Itemp) (Based on Temperature rise) | 600mA                      |
| Max. of DC resistance                             | 0.438Ω                     |
| Avg. of DC resistance                             | 0.35Ω ± 25%                |
| Self resonance frequency (min.)                   | 50MHz                      |
| Operating temperature range                       | -55 ~ +125                 |
| Class of magnetic shield                          | Magnetic shield of ferrite |

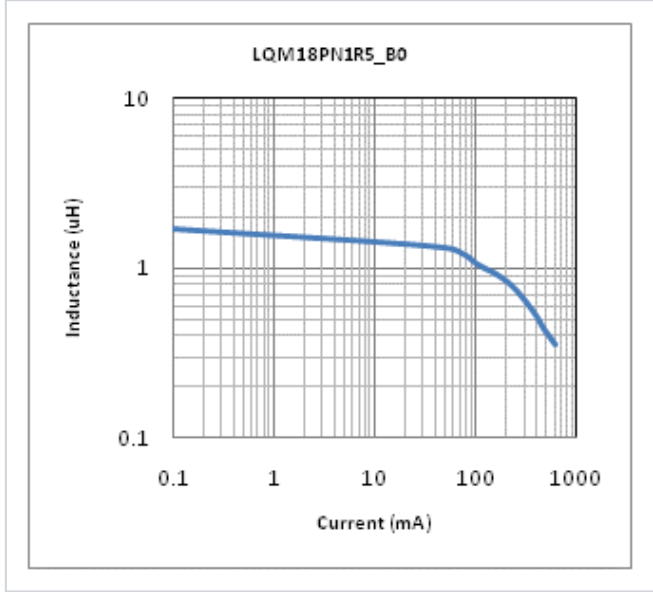
⚠ Attention

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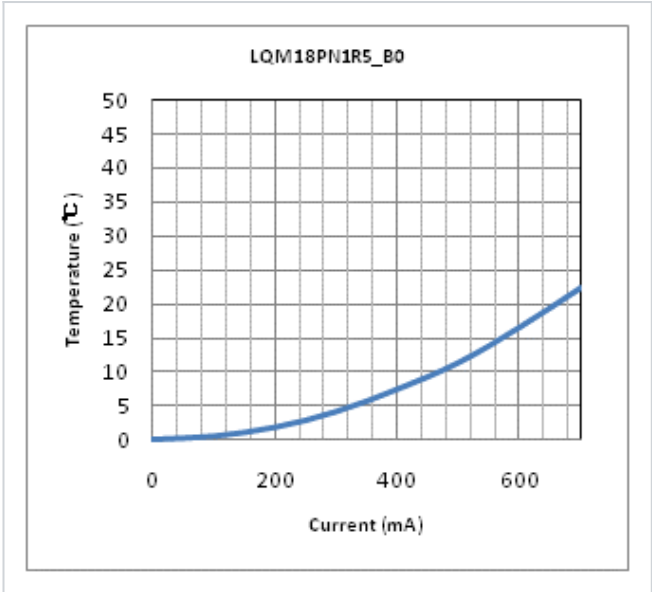
Inductance-Frequency characteristics (Typ.)



Inductance-Current characteristics (Typ.)



Temperature rise characteristics (Typ.)



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