

# LQM21NN1R0K10#

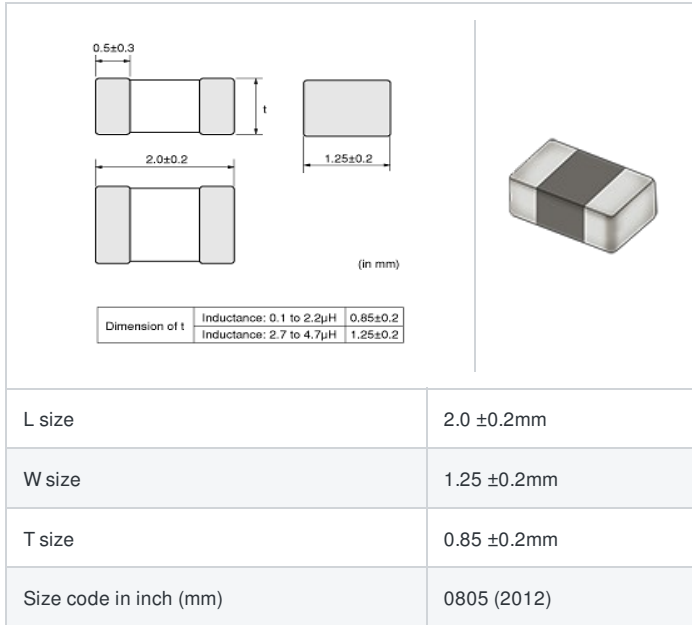
"#" indicates a package specification code.



< List of part numbers with package codes >

LQM21NN1R0K10D , LQM21NN1R0K10J , LQM21NN1R0K10B

## Shape



## References

| Packaging code | Specifications      | Minimum quantity |
|----------------|---------------------|------------------|
| D              | φ180mm Paper taping | 4000             |
| J              | φ330mm Paper taping | 10000            |
| B              | Packing in bulk     | 1000             |

| Mass (Typ.) |        |
|-------------|--------|
| 1 piece     | 0.010g |

## Specifications

|                                                                     |               |
|---------------------------------------------------------------------|---------------|
| Inductance                                                          | 1.0μH ±10%    |
| Inductance test frequency                                           | 10MHz         |
| Rated current (Isat) (Based on Inductance change)                   | 50mA          |
| Rated current (Itemp) (Based on Temperature rise)                   | 50mA          |
| Max. of DC resistance                                               | 0.40Ω         |
| Q (min.)                                                            | 45            |
| Q test frequency                                                    | 10MHz         |
| Self resonance frequency (min.)                                     | 107MHz        |
| Operating temperature range (Self-temperature rise is not included) | -40°C to 85°C |
| Class of magnetic shield                                            | Ferrite Core  |
| Series                                                              | LQM21NN_10    |

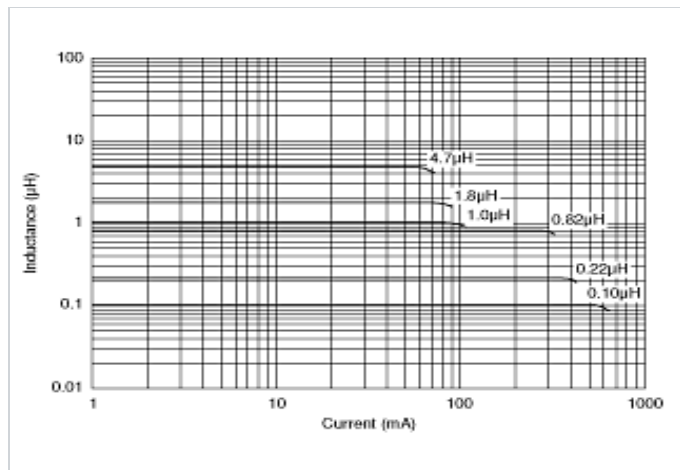
### Attention

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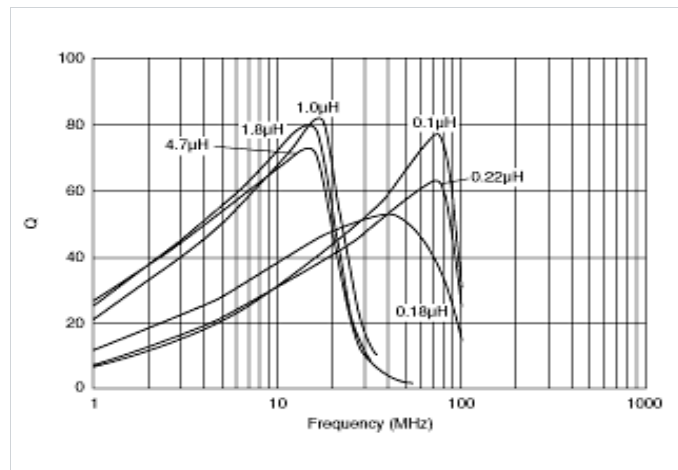
2.This datasheet has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

■ Inductance-Current characteristics (Typ.)



■ Q-Frequency characteristics (Typ.)



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