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Please download the latest datasheet of LQH43PN2R2M26# from the official website of Murata

http://www.murata.com/en-gb/products/productdetail?partno=LQH43PN2R2M26%23

"#"at the end indicates the package specification code.

Size Code 4532 (1812) in mm (in inch), 2.8mm max. Thickness



< List of part numbers with package codes > LQH43PN2R2M26K LQH43PN2R2M26L

LQH43PN2R2M26#

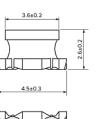
Applications

| Unsuitable | Please be sure to read and comply with | |
|--------------|--|--|
| Applications | ations these "Precautions for use." | |
| | Consumer equipment,Medical | |
| | equipment [GHTF A/B/C] except for | |
| | implant & surgery & auto injector, | |
| | Industrial equipment except for | |
| | transportation & facility & energy | |
| | equipment | |
| Specific | Please refer to Our Website and | |
| Applications | specifications, etc. for information about | |
| | the performance, functions, quality, | |
| | management, and safety required for | |
| | the above applications, and use | |
| | Products after confirming the | |
| | performance and reliability of the actual | |
| | Product. | |
| Recommended | Concurrent | |
| Applications | Consumer equipment | |



Appearance & Shape





| - | 3.2±0.2 | - |
|---|---------|---|
| Ĺ | | ļ |
|) | | (|
| | | ר |
| | 3.2±0.2 | |







(in mm)



Notices

When rated current is applied to the products, inductance will be within ±30% of nominal inductance value. When rated current is applied to the products, temperature rise caused by selfgenerated heat shall be limited to 40°C max. Keep the temperature (ambient temperature plus selfgeneration of heat) under 125°C.

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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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References

| Packaging | Specifications | Standard Packing Quantity |
|-----------|------------------|---------------------------------|
| К | 330Embossed Tape | 2500 |
| L | 180Embossed Tape | 500 |

| Mass (typ.) | |
|-------------|-------|
| 1 piece | 0.13g |

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Specifications

| L size | 4.5±0.3mm |
|--|---------------------------|
| W size | 3.2±0.2mm |
| T size | 2.6±0.2mm |
| Size code inch (mm) | 1812 (4532) |
| Inductance | 2.2µH±20% |
| Inductance Test Frequency | 1MHz |
| Rated current (Isat) (Based on Inductance change) | 2300mA |
| Rated current (Itemp) (Based on Temperature rise) | 2500mA |
| Max. of DC resistance | 0.0504Ω |
| DC resistance | 0.042Ω±20% |
| Operating Temperature Range(Self-temperature rise is not included) | -40°C to 85°C |
| Class of magnetic shield | Shielded (Magnetic Resin) |
| Self resonance frequency (min.) | 45MHz |
| Brand | Murata |
| Series | LQH43PN_26 |

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Product Search Data Sheet

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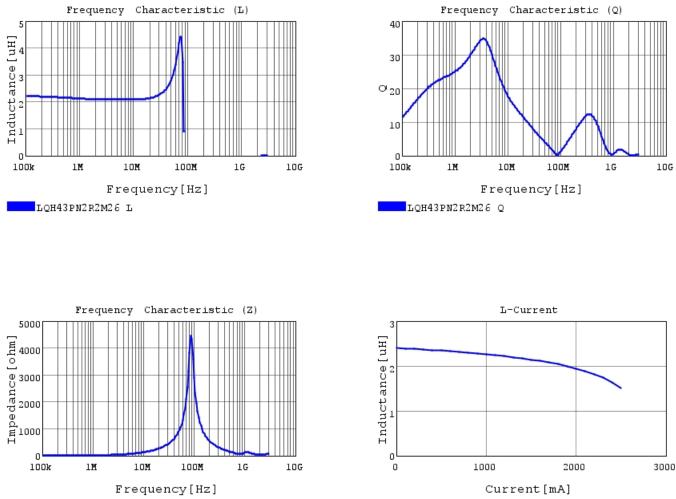
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Characteristic Data

LQH43PN2R2M26#

The charts below may show another part number which shares its characteristics.



LQH43PN2R2M26 L-Current 2DdegC

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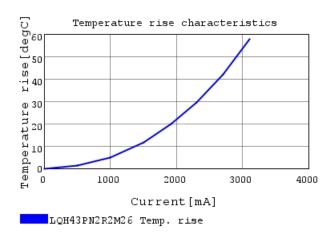
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