mmPratn

## LQW15CN20NJ10\#

For RF Choke, For Power Choke

< List of part numbers with package codes >
LQW15CN20NJ10B LQW15CN20NJ10D

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

## Applications

Please be sure to read and comply with equipment [GHTF A/B/C] except for implant \& surgery \& auto injector, Industial equipment except for equipment

Pease refer to Our Website and the performance, functions, quality, management, and safety required for the above applications, and use

Products after confirming the performance and reliability of the actual

Consumer equipment
"\#"at the end indicates the package specification code.


References

| Packaging | Specifications | Standard <br> Packing <br> Quantity |
| :--- | :--- | :--- |
| B | Bulk(Bag) | 500 |
| D | 180 mm Paper Tape | 10000 |


| Mass (typ.) |  |
| :--- | :--- |
| 1 piece | 0.001 g |

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[^0]URL : https://www.murata.com
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## LQW15CN20NJ10\#



## Specifications

| L size | $1.0 \pm 0.1 \mathrm{~mm}$ |
| :--- | :--- |
| W size | $0.6 \pm 0.05 \mathrm{~mm}$ |
| T size | $0.5 \pm 0.1 \mathrm{~mm}$ |
| Size code inch (mm) | $0402(1005)$ |
| Inductance | $20 \mathrm{nH} \pm 5 \%$ |
| Inductance Test Frequency | 100 MHz |
| Rated current (Itemp) <br> (Based on Temperature rise) | 2200 mA |
| Max. of DC resistance | $-55^{\circ} \mathrm{C}$ to $125^{\circ} \mathrm{C}$ |
| Operating Temperature <br> Range(Self-temperature rise <br> is not included) | $\mathrm{Non-Shielded}$ |
| Class of magnetic shield | 3000 MHz |
| Self resonance frequency <br> (min.) | $\mathrm{LQW} 15 \mathrm{CN} \_10$ |
| Brand | Murata <br> Series |

[^1]URL : https://www.murata.com

## LQW15CN20NJ10\#

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

## Notice For General

In operating temperatures exceeding $+85^{\circ} \mathrm{C}$, derating of current is necessary for this series. Please apply the derating curve shown in the chart according to the operating temperature.

## Derating of Rated Current



[^2]
## LQW15CN20NJ10\#

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

## Characteristic Data

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



LQW15CN20NJ10 L
LQW15CN2ONJ10 Q


LQW15CN2ONJ10 |Z|

[^3]
[^0]:    Attention
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