

# LQW15CNR14K1Z#

# indicates a package specification code.



< List of part numbers with package codes >  
 LQW15CNR14K1ZD , LQW15CNR14K1ZB

## Shape



## Notes

In operating temperatures exceeding +85°C, derating of current is necessary for the LQW15C series.  
 Please apply the derating curve shown in the chart according to the operating temperature.  
 Please consider "Notice (Rating)."

## References

| Packaging code | Specifications       | Minimum quantity |
|----------------|----------------------|------------------|
| D              | φ 180mm Paper taping | 10000            |
| B              | Packing in bulk      | 500              |

| Mass (Typ.) |        |
|-------------|--------|
| 1 piece     | 0.001g |

## Specifications

|   |            |
|---|------------|
| Inductance  | 140nH ±10% |
| Inductance test frequency   | 100MHz     |
| Rated current (Itemp) (Based on Temperature rise)                   | 650mA      |
| Max. of DC resistance   | 0.216Ω     |
| Self resonance frequency (min.)                                     | 1000MHz    |
| Operating temperature range (Self-temperature rise is not included) | -40~125°C  |
| Class of magnetic shield  | No Shield  |
| Series  | LQW15CN_1Z |

### Attention

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In operating temperatures exceeding +85°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

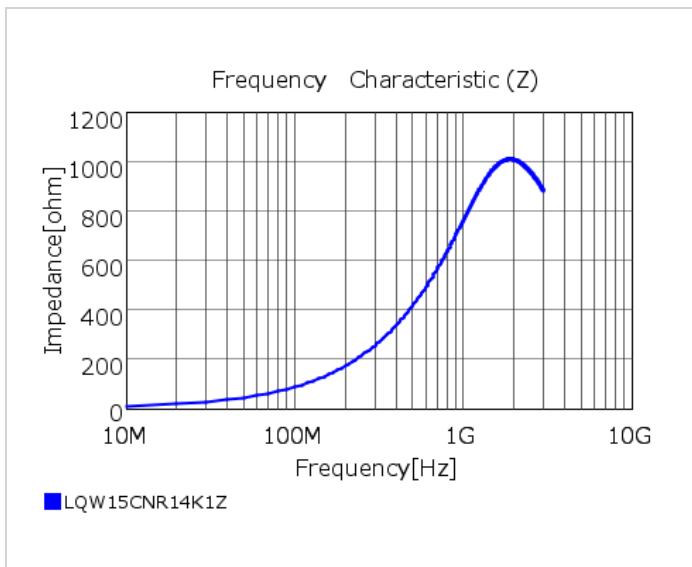
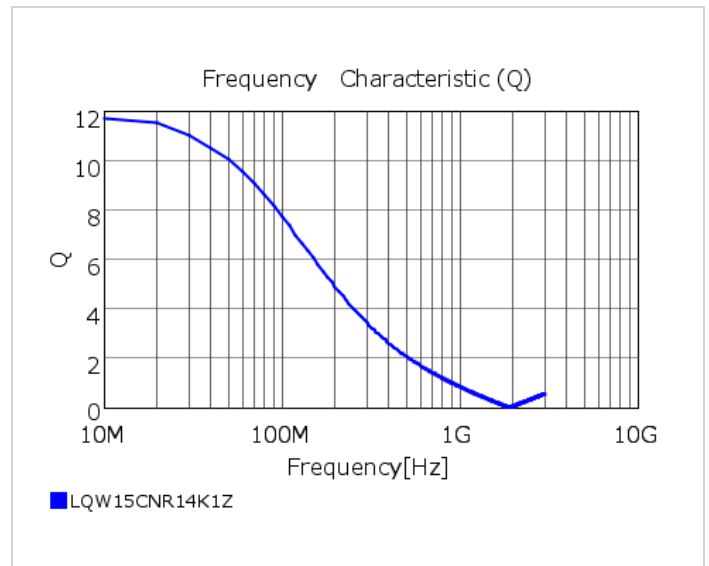
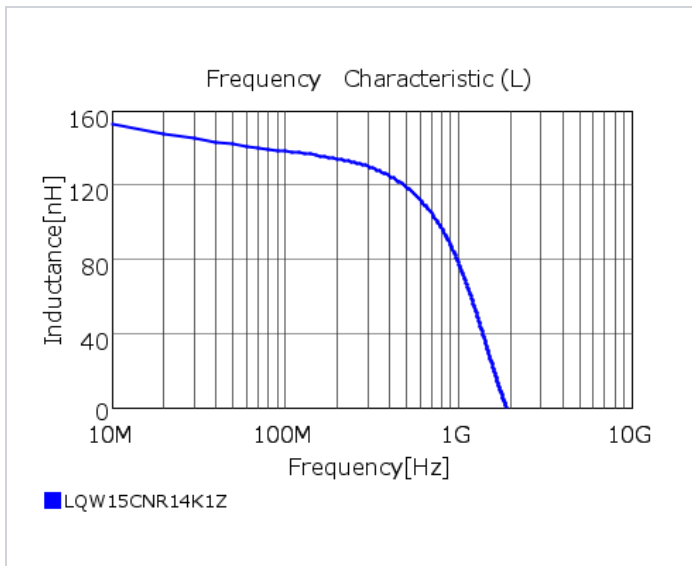


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