

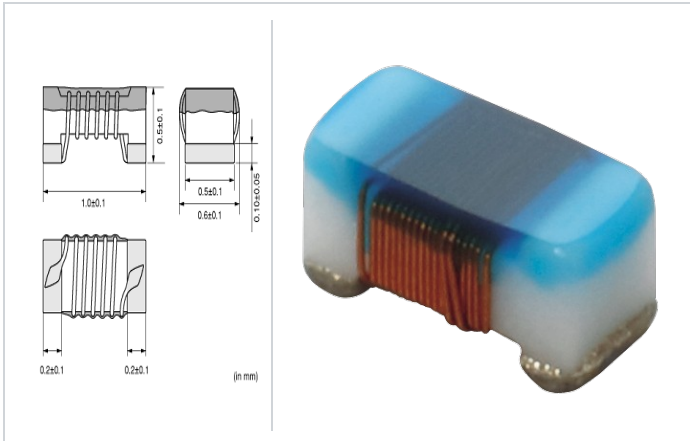
# LQW15AN8N4D1Z#

# indicates a package specification code.



< List of part numbers with package codes >  
 LQW15AN8N4D1ZD , LQW15AN8N4D1ZB

## Shape



|                        |             |
|------------------------|-------------|
| L size                 | 1.0 ±0.1mm  |
| W size                 | 0.6 ±0.1mm  |
| T size                 | 0.5 ±0.1mm  |
| Size code in inch (mm) | 0402 (1005) |

## References

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

| Mass (Typ.) |         |
|-------------|---------|
| 1 piece     | 0.0008g |

## Specifications

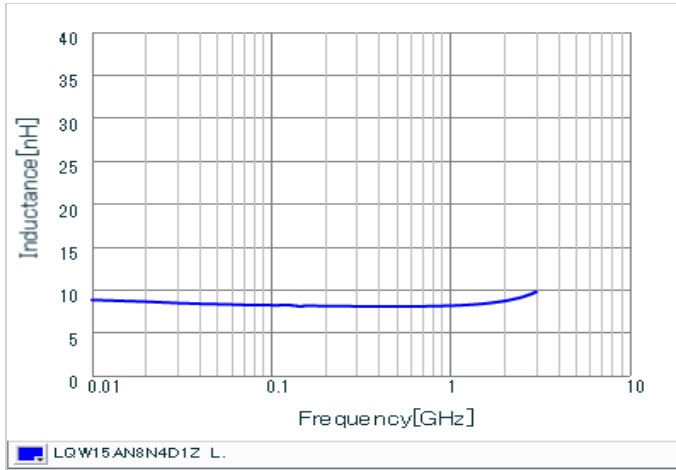
|   |                |
|---|----------------|
| Inductance  | 8.4nH ±0.5nH   |
| Inductance test frequency   | 100MHz         |
| Rated current (Itemp) (Based on Temperature rise)                   | 640mA          |
| Max. of DC resistance   | 0.079Ω         |
| Q (min.)  | 30             |
| Q test frequency  | 250MHz         |
| Self resonance frequency (min.)                                     | 7.5GHz         |
| Operating temperature range (Self-temperature rise is not included) | -55°C to 125°C |
| Series  | LQW15AN_1Z     |

### Attention

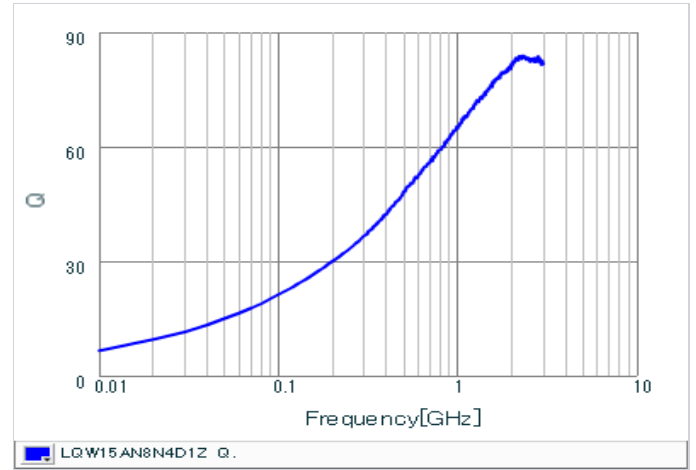
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**Chart of characteristic data (The charts below may show another part number which shares its characteristics.)**

▪ Inductance-Frequency characteristics (Typ.)



▪ Q-Frequency characteristics (Typ.)



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