

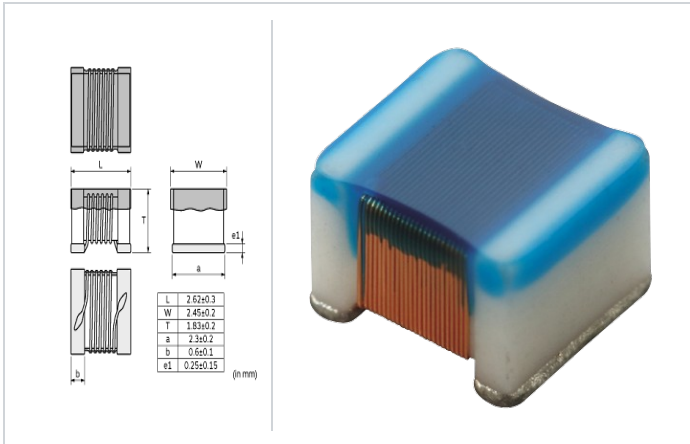
# LQW2UAS47NG00#

# indicates a package specification code.



< List of part numbers with package codes >  
 LQW2UAS47NG00L , LQW2UAS47NG00B

## Shape



|                        |             |
|------------------------|-------------|
| L size                 | 2.62 ±0.3mm |
| W size                 | 2.45 ±0.2mm |
| T size                 | 1.83 ±0.2mm |
| Size code in inch (mm) | 1008 (2520) |

## References

| Packaging code | Specifications         | Minimum quantity |
|----------------|------------------------|------------------|
| L              | φ180mm Embossed taping | 2000             |
| B              | Packing in bulk        | 500              |

| Mass (Typ.) |        |
|-------------|--------|
| 1 piece     | 0.039g |

## Specifications

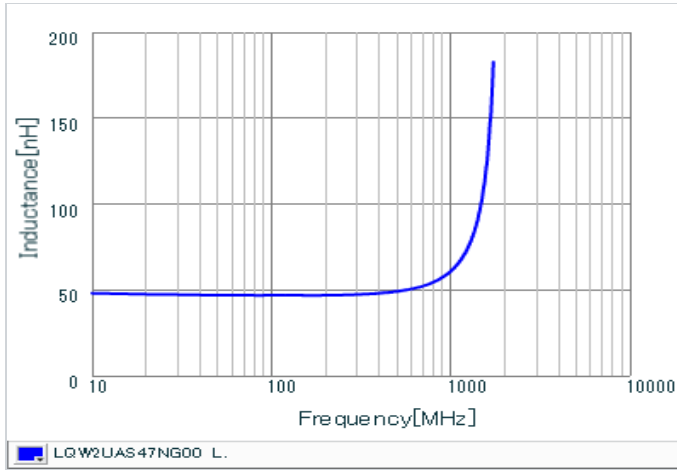
|   |                |
|---|----------------|
| Inductance  | 47nH ±2%       |
| Inductance test frequency   | 50MHz          |
| Rated current (Itemp) (Based on Temperature rise)                   | 1000mA         |
| Max. of DC resistance   | 0.16Ω          |
| Q (min.)  | 65             |
| Q test frequency  | 350MHz         |
| Self resonance frequency (min.)                                     | 1500MHz        |
| Operating temperature range (Self-temperature rise is not included) | -55°C to 125°C |
| Series  | LQW2UAS_00     |

### Attention

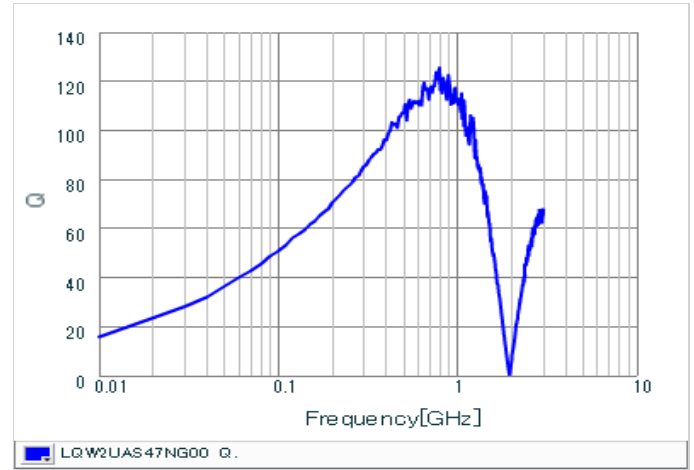
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**Chart of characteristic data (The charts below may show another part number which shares its characteristics.)**

▪ Inductance-Frequency characteristics (Typ.)



▪ Q-Frequency characteristics (Typ.)



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