

# LQW2UASR47G0C#

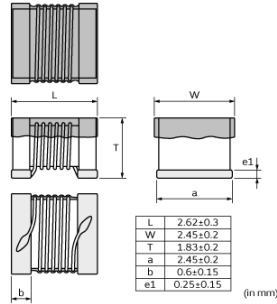
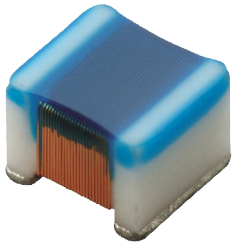
“#” indicates a package specification code.

Air-core inductor with non-magnetic electrode material which does not disturb magnetic field in magnetic field utilized application such as MRI.



< List of part numbers with package codes >  
LQW2UASR47G0CB LQW2UASR47G0CL

## Appearance & Shape



## References

| Packaging | Specifications   | Minimum Order Quantity |
|-----------|------------------|------------------------|
| B         | Bulk(Bag)        | 500                    |
| L         | 180Embossed Tape | 2000                   |

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

**Attention**  
1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued 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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## Specifications

|  |               |
|--|---------------|
| L size   | 2.62±0.3mm    |
| W size   | 2.45±0.2mm    |
| T size   | 1.83±0.2mm    |
| Size code inch (mm)  | 1008 (2520)   |
| Inductance   | 470nH±2%      |
| Inductance Test Frequency  | 25MHz         |
| Rated current (Itemp) (Based on Temperature rise)                  | 470mA         |
| Max. of DC resistance  | 1.19Ω         |
| Q(min.)  | 45            |
| Q Test Frequency   | 100MHz        |
| Self resonance frequency (min.)                                    | 450MHz        |
| Operating Temperature Range(Self-temperature rise is not included) | -40°C to 85°C |
| Series   | LQW2UAS_0C    |

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