

# LQW2UAS82NG0C#

# indicates a package specification code.

New
In Production
General
85 °C max.
Wound (Non mag)
Tight Tolerance
Reflow OK
RoHS
REACH

< List of part numbers with package codes >  
 LQW2UAS82NG0CL , LQW2UAS82NG0CB

## Shape

| Dimension | Value (mm) |
|-----------|------------|
| L         | 2.62±0.3   |
| W         | 2.45±0.2   |
| T         | 1.83±0.2   |
| a         | 2.45±0.2   |
| b         | 0.6±0.15   |
| e1        | 0.25±0.15  |

(in mm)

|                        |             |
|------------------------|-------------|
| 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  | 82nH ±2%      |
| Inductance test frequency   | 50MHz         |
| Rated current (Itemp) (Based on Temperature rise)                   | 1000mA        |
| Max. of DC resistance   | 0.22Ω         |
| Q (min.)  | 60            |
| Q test frequency  | 350MHz        |
| Self resonance frequency (min.)                                     | 1000MHz       |
| Operating temperature range (Self-temperature rise is not included) | -40°C to 85°C |
| Series  | LQW2UAS_0C    |

### 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.