

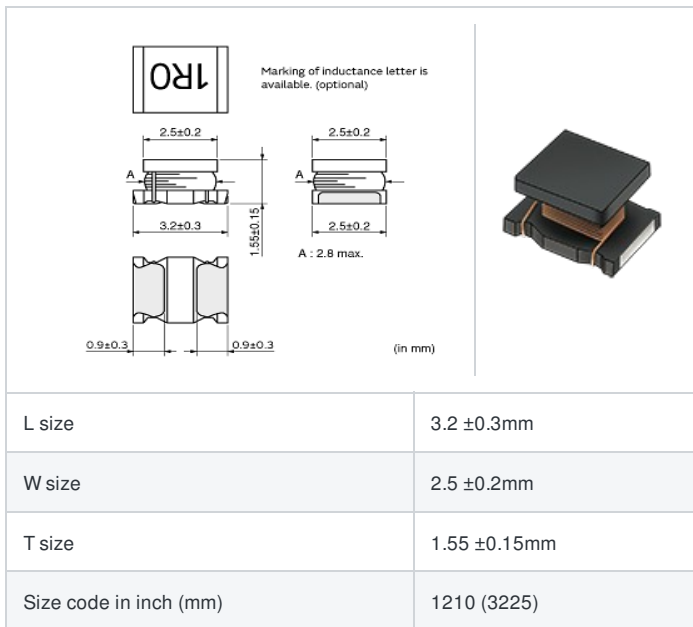
# LQH32DN680K53#

"#" indicates a package specification code.



< List of part numbers with package codes >  
LQH32DN680K53L , LQH32DN680K53K

## Shape



## Notes

When rated current is applied to the products, self-temperature rise shall be limited to 20°C max and inductance will be within  $\pm 10\%$  of initial inductance value.

## References

| Packaging code | Specifications                | Minimum quantity |
|----------------|-------------------------------|------------------|
| L              | $\phi 180$ mm Embossed taping | 2000             |
| K              | $\phi 330$ mm Embossed taping | 7500             |

| Mass (Typ.) |        |
|-------------|--------|
| 1 piece     | 0.045g |

## Specifications

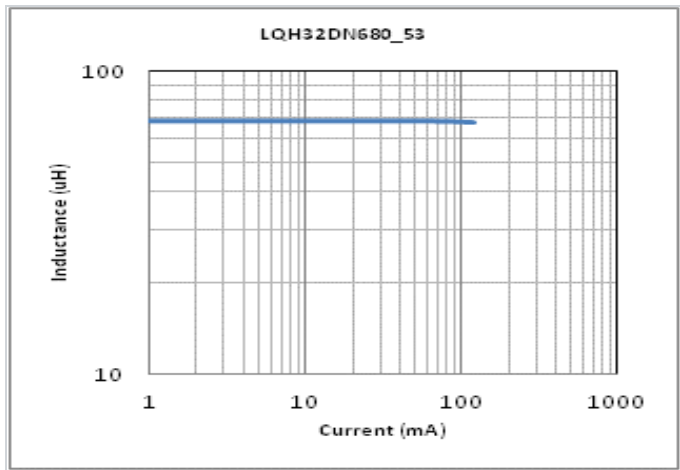
|                                                   |                          |
|---------------------------------------------------|--------------------------|
| Inductance                                        | $68\mu\text{H} \pm 10\%$ |
| Inductance test frequency                         | 1MHz                     |
| Rated current (Itemp) (Based on Temperature rise) | 130mA                    |
| Max. of DC resistance                             | $2.86\Omega$             |
| Avg. of DC resistance                             | $2.2\Omega \pm 30\%$     |
| Self resonance frequency (min.)                   | 12MHz                    |
| Operating temperature range                       | -40°C to 105°C           |
| Class of magnetic shield                          | No Shield                |
| Series                                            | LQH32DN_53               |

### Attention

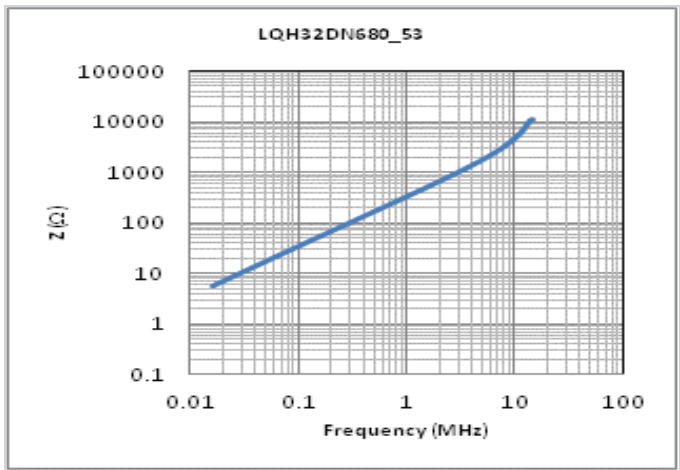
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- 2.This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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

■ Inductance-Current characteristics (Typ.)



■ Impedance-Frequency characteristics (Typ.)



**⚠ Attention**

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