

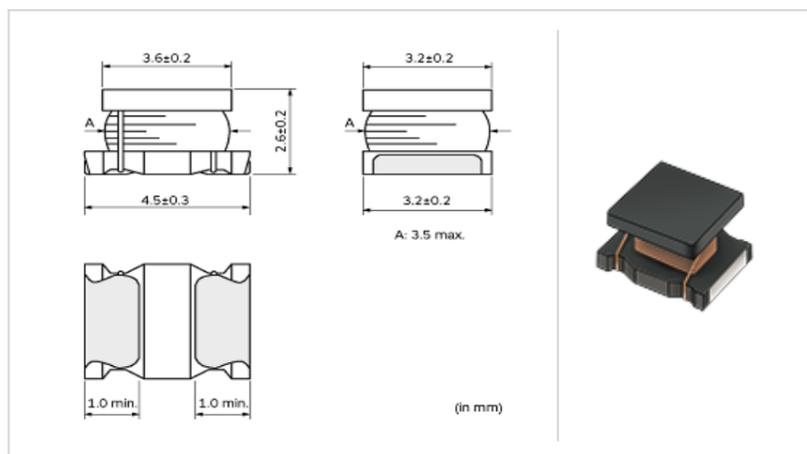
# LQH43NZ102K03#

" # " indicates a package specification code.



< List of part numbers with package codes >  
LQH43NZ102K03L , LQH43NZ102K03K

## Shape



|                        |             |
|------------------------|-------------|
| L size                 | 4.5 ± 0.3mm |
| W size                 | 3.2 ± 0.2mm |
| T size                 | 2.6 ± 0.2mm |
| Size code in inch (mm) | 1812 (4532) |

## Notes

When applied Rated current to the Products, self temperature rise shall be limited to 20 °C max and Inductance will be within ± 10% of initial Inductance value.

## References

| Packaging code | Specifications        | Minimum quantity |
|----------------|-----------------------|------------------|
| L              | 180mm Embossed taping | 500              |
| K              | 330mm Embossed taping | 2500             |

| Mass (Typ.) |       |
|-------------|-------|
| 1 piece     | 0.13g |

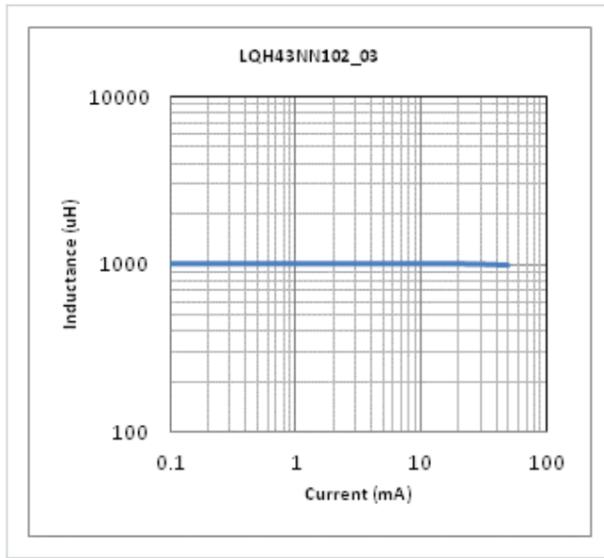
## Specifications

|   |                    |
|---|--------------------|
| Inductance  | 1000µH ± 10%       |
| Inductance test frequency                         | 1kHz               |
| Rated current (Itemp) (Based on Temperature rise) | 50mA               |
| Max. of DC resistance                             | 25.0               |
| Q (min.)  | 40                 |
| Q test frequency                                  | 252kHz             |
| Self resonance frequency (min.)                   | 2.0MHz             |
| Operating temperature range                       | -40 ~ 105          |
| Class of magnetic shield                          | No magnetic shield |

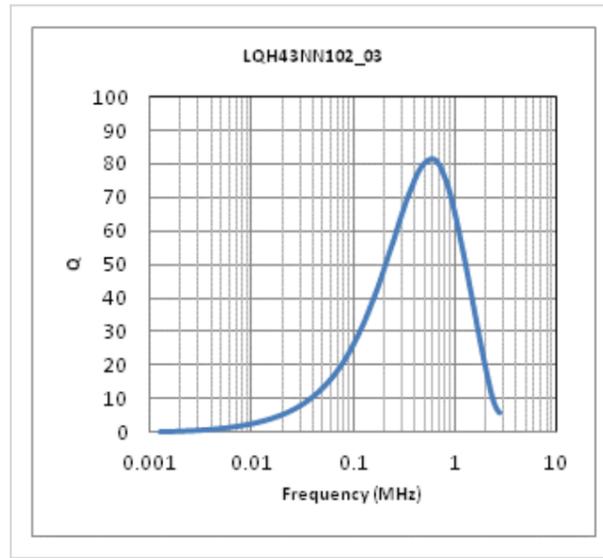
### Attention

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- 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.

▪ Inductance-Current characteristics (Typ.)



▪ Q-Frequency characteristics (Typ.)



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