

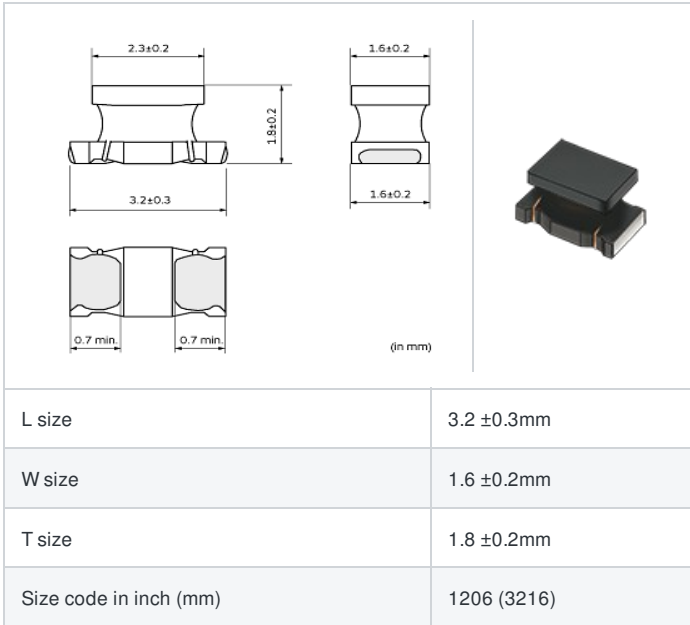
# LQH31MN470J03#

# indicates a package specification code.



< List of part numbers with package codes >  
 LQH31MN470J03L , LQH31MN470J03K

## 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 ±10% of initial inductance value.

## References

Packaging code	Specifications	Minimum quantity
L	φ180mm Embossed taping	2000
K	φ330mm Embossed taping	7500

Mass (Typ.)	
1 piece	0.029g

## Specifications

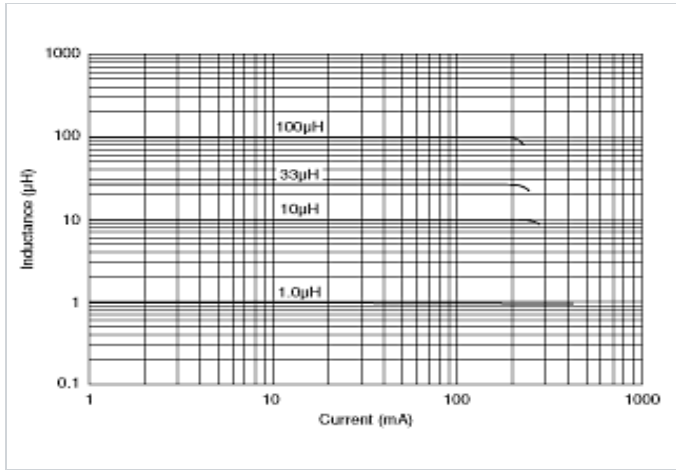
Inductance	47μH ±5%
Inductance test frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	55mA
Max. of DC resistance	10.4Ω
Avg. of DC resistance	8.0Ω ±30%
Q (min.)	40
Q test frequency	2.5MHz
Self resonance frequency (min.)	10MHz
Operating temperature range (Self-temperature rise is not included)	-40°C to 85°C
Class of magnetic shield	No Shield
Series	LQH31MN_03

### Attention

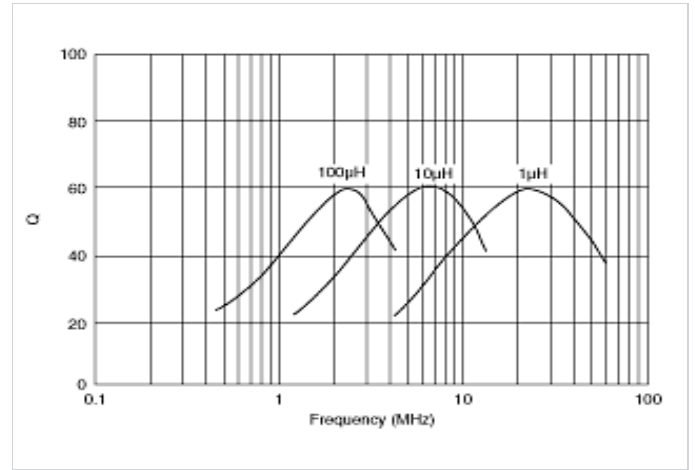
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**Chart of characteristic data (The charts below may show another part number which shares its characteristics.)**

▪ Inductance-Current characteristics (Typ.)



▪ Q-Frequency characteristics (Typ.)



**⚠ Attention**

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