Inductor Data Sheet

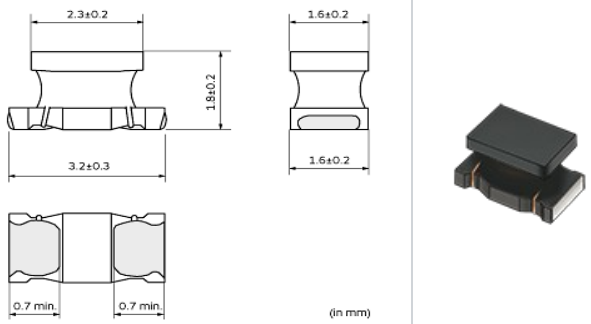
LQH31MN3R3K03#

"#" indicates a package specification code.

In Production | General | 85℃ | Wound (Ferrite) | Reflow OK | Flow OK | RoHS | REACH

< List of part numbers with package codes >
LQH31MN3R3K03L , LQH31MN3R3K03K

Shape



L size	3.2 ±0.3mm
W size	1.6 ±0.2mm
T size	1.8 ±0.2mm
Size code in inch (mm)	1206 (3216)

Notes

When applied Rated current to the Products, self temperature rise shall be limited to 20℃ 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

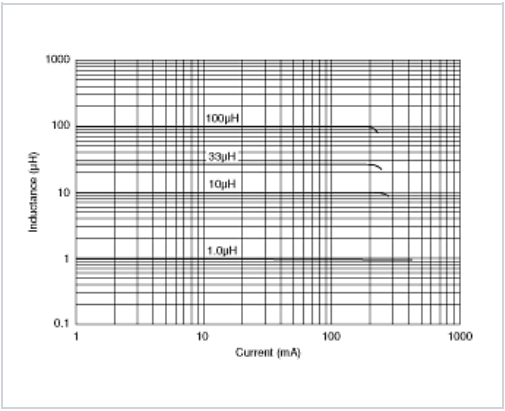
Mass (Typ.)	
1 piece	0.029g

Specifications

Inductance	3.3μH ±10%
Inductance test frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	130mA
Max. of DC resistance	0.793Ω
Avg. of DC resistance	0.61Ω±30%
Q (min.)	35
Q test frequency	8MHz
Self resonance frequency (min.)	38MHz
Operating temperature range (Self-temperature rise is not included)	-40～85℃
Class of magnetic shield	No magnetic shield

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

- Inductance-Current characteristics (Typ.)



- Q-Frequency characteristics (Typ.)