Inductor Data Sheet

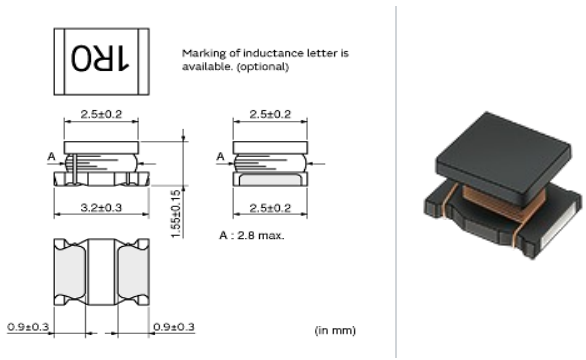
LQH32DZ101K53#

"#" indicates a package specification code.

In Production | Info-tainment | AEC-Q200 | 105 °C max. | Wound (Ferrite) | Reflow OK | RoHS | REACH

< List of part numbers with package codes >
LQH32DZ101K53L , LQH32DZ101K53K

Shape



L size	3.2 ±0.3mm
W size	2.5 ±0.2mm
T size	1.55 ±0.15mm
Size code in inch (mm)	1210 (3225)

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

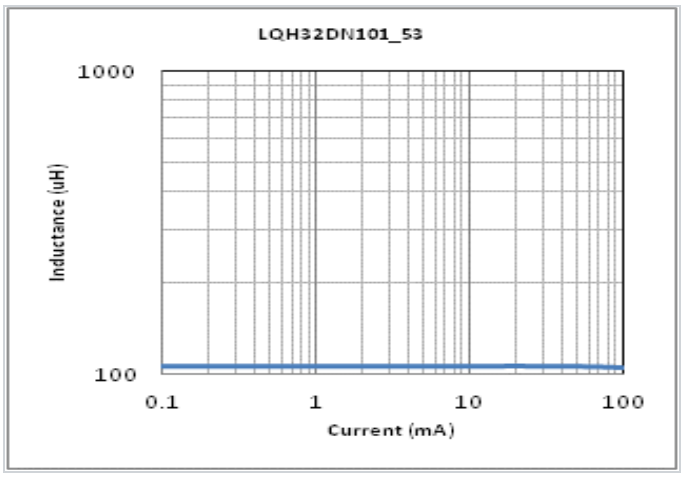
Mass (Typ.)	
1 piece	0.045g

Specifications

Inductance	100µH ±10%
Inductance test frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	100mA
Max. of DC resistance	4.55Ω
Avg. of DC resistance	3.5Ω ±30%
Self resonance frequency (min.)	10MHz
Operating temperature range	-40°C to 105°C
Class of magnetic shield	No Shield
Series	LQH32DZ_53

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

- Inductance-Current characteristics (Typ.)



- Impedance-Frequency characteristics (Typ.)