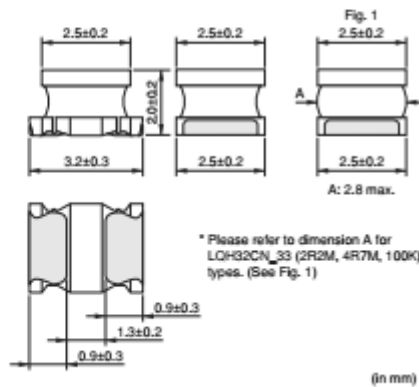


LQH32CN_23/LQH32CN_33 Series 1210/3225 (inch/mm)

Size Code 1210 (3225) in inch (in mm)

Appearance/Dimensions



Packaging

| Code | Packaging | Minimum Quantity |
|------|------------------------|------------------|
| L | ø180mm Embossed Taping | 2000 |
| K | ø330mm Embossed Taping | 7500 |



Refer to pages 102 to 106 for mounting information.

Rated Value (□: packaging code)

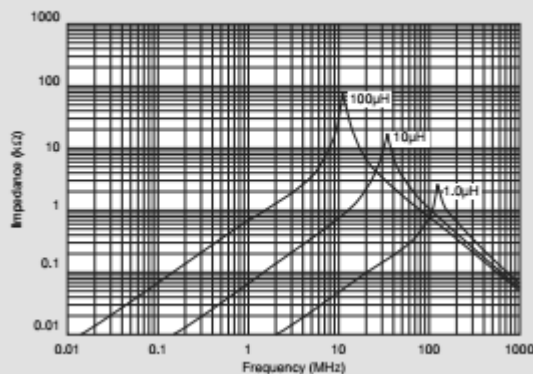
| Part Number | Inductance | Inductance Test Frequency | Rated Current ^{*1} | DC Resistance | Self-Resonance Frequency (min.) | |
|----------------|-------------|---------------------------|-----------------------------|---------------|---------------------------------|-----|
| LQH32CN1R0M23□ | 1.0μH ±20% | 1MHz | 800mA | 0.09Ω ±30% | 96MHz | Kit |
| LQH32CN2R2M23□ | 2.2μH ±20% | 1MHz | 600mA | 0.13Ω ±30% | 64MHz | Kit |
| LQH32CN4R7M23□ | 4.7μH ±20% | 1MHz | 450mA | 0.2Ω ±30% | 43MHz | Kit |
| LQH32CN100K23□ | 10μH ±10% | 1MHz | 300mA | 0.44Ω ±30% | 26MHz | Kit |
| LQH32CN220K23□ | 22μH ±10% | 1MHz | 250mA | 0.71Ω ±30% | 19MHz | Kit |
| LQH32CN470K23□ | 47μH ±10% | 1MHz | 170mA | 1.3Ω ±30% | 15MHz | Kit |
| LQH32CN101K23□ | 100μH ±10% | 1MHz | 100mA | 3.5Ω ±30% | 10MHz | Kit |
| LQH32CN221K23□ | 220μH ±10% | 1MHz | 70mA | 8.4Ω ±30% | 6.8MHz | Kit |
| LQH32CN331K23□ | 330μH ±10% | 1MHz | 60mA | 10.0Ω ±30% | 5.6MHz | Kit |
| LQH32CN391K23□ | 390μH ±10% | 1MHz | 60mA | 17Ω ±30% | 5MHz | Kit |
| LQH32CN471K23□ | 470μH ±10% | 1kHz | 60mA | 19Ω ±30% | 5MHz | Kit |
| LQH32CN561K23□ | 560μH ±10% | 1kHz | 60mA | 22.0Ω ±30% | 5MHz | Kit |
| LQH32CNR15M33□ | 0.15μH ±20% | 1MHz | 1450mA | 0.028Ω ±30% | 400MHz | Kit |
| LQH32CNR27M33□ | 0.27μH ±20% | 1MHz | 1250mA | 0.034Ω ±30% | 250MHz | Kit |
| LQH32CNR47M33□ | 0.47μH ±20% | 1MHz | 1100mA | 0.042Ω ±30% | 150MHz | Kit |
| LQH32CN1R0M33□ | 1.0μH ±20% | 1MHz | 1000mA | 0.06Ω ±30% | 100MHz | Kit |
| LQH32CN2R2M33□ | 2.2μH ±20% | 1MHz | 790mA | 0.097Ω ±30% | 64MHz | Kit |
| LQH32CN4R7M33□ | 4.7μH ±20% | 1MHz | 650mA | 0.15Ω ±30% | 43MHz | Kit |
| LQH32CN100K33□ | 10μH ±10% | 1MHz | 450mA | 0.3Ω ±30% | 26MHz | Kit |

Class of Magnetic Shield: No magnetic shield

Operating Temperature Range (Self-temperature rise is not included): -40°C~+85°C

*1 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.

Impedance-Frequency Characteristics (Typ.)



Inductance-Current Characteristics (Typ.)

