Chip Coils



for DC-DC Conveter Winding Type LQH2MC Series

■ Features

1. Winding type with 0.95mm low-profile

2. Size: 2.0x1.6mm

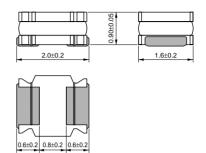
3. Rated current: 225mA (10 micro H)

4. Wide inductance range: 10 to 82 micro H

■ Applications

For DC-DC converter



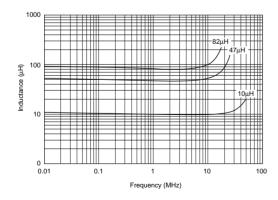


(in mm

| Part Number | Inductance (μΗ) | Rated Current (mA) | DC Resistance (ohm) | Self Resonance Frequency (min.) (MHz) |
|---------------|--------------------|--------------------------|------------------------|---|
| LQH2MCN100K02 | 10 ±10% | 225 | 1.2 ±30% | 48 |
| LQH2MCN120K02 | 12 ±10% | 210 | 1.4 ±30% | 44 |
| LQH2MCN150K02 | 15 ±10% | 200 | 1.6 ±30% | 40 |
| LQH2MCN180K02 | 18 ±10% | 190 | 1.8 ±30% | 35 |
| LQH2MCN220K02 | 22 ±10% | 185 | 2.1 ±30% | 30 |
| LQH2MCN270K02 | 27 ±10% | 180 | 2.5 ±30% | 30 |
| LQH2MCN330K02 | 33 ±10% | 160 | 2.8 ±30% | 28 |
| LQH2MCN390K02 | 39 ±10% | 125 | 4.4 ±30% | 24 |
| LQH2MCN470K02 | 47 ±10% | 120 | 5.1 ±30% | 18 |
| LQH2MCN560K02 | 56 ±10% | 110 | 5.7 ±30% | 17 |
| LQH2MCN680K02 | 68 ±10% | 100 | 6.6 ±30% | 14 |
| LQH2MCN820K02 | 82 ±10% | 90 | 7.5 ±30% | 14 |

Operating Temp. Range : -40°C to +85°C

■ Q-Frequency Characteristics



■ Inductance-Current Characteristics

