

# Chip Coils

**muRata**

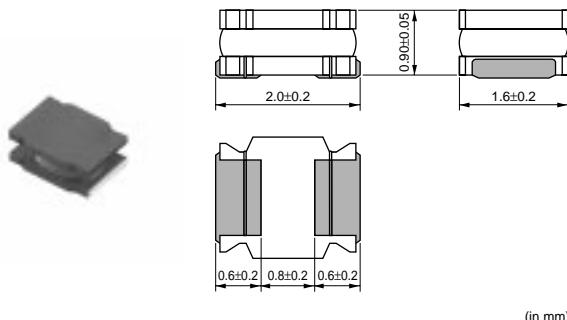
## for DC-DC Conveter Winding Type LQH2MC Series

### ■ 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

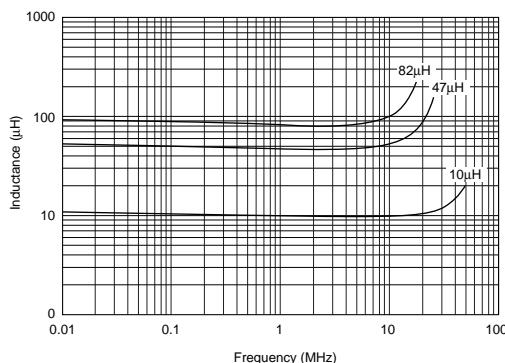


(in mm)

Part Number	Inductance ( $\mu$ H)	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

