

# Chip Coils

**muRata**

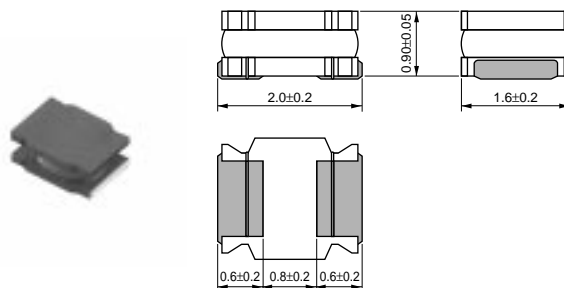
## for DC-DC Converter Winding Type LQH2MC Series

### ■ Features

1. Winding type with 0.95mm low-profile
2. Size: 2.0x1.6mm
3. Rated current: 300mA (4.7 micro H)
4. Wide inductance range: 4.7 to 33 micro H

### ■ Applications

For DC-DC converter

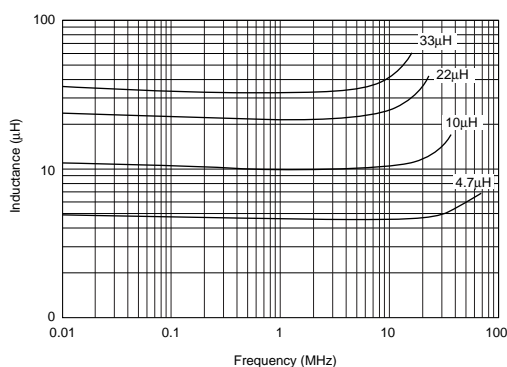


(in mm)

Part Number	Inductance (μH)	Rated Current (mA)	DC Resistance (ohm)	Self Resonance Frequency (min.) (MHz)
LQH2MCN4R7M02	4.7 ±20%	300	0.8 ±30%	60
LQH2MCN5R6M02	5.6 ±20%	280	0.9 ±30%	60
LQH2MCN6R8M02	6.8 ±20%	255	1.0 ±30%	55
LQH2MCN8R2M02	8.2 ±20%	235	1.1 ±30%	50
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

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

### ■ Inductance-Frequency Characteristics



### ■ Inductance-Current Characteristics

