

Chip Coils for DC-DC Converter Monolithic Type

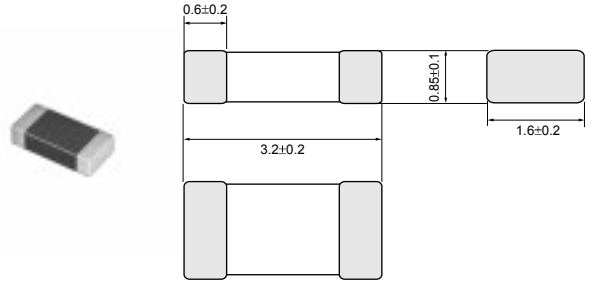


LQM31P Series (1206 Size)

■ Features

1. Large rated current of 1200mA.
2. Small size in 3.2x1.6mm but low profile (h=0.95mm max.)
3. Low DC resistance
4. Magnetically shielded structure.
5. Applicable soldering methods are both flow soldering and reflow soldering.

■ Dimension



(in mm)

■ Applications

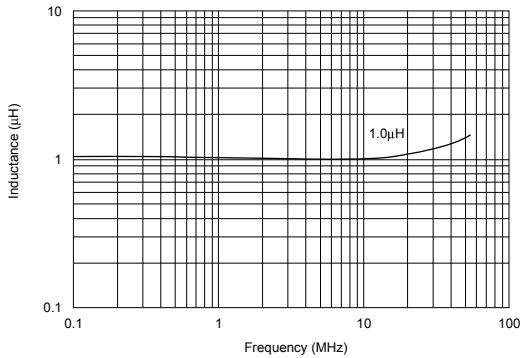
DC-DC converter circuits for mobile equipment

■ Rated Value (□: packaging code)

Part Number	Inductance	Test Frequency	Rated Current	DC resistance	Self Resonance Frequency (min.)
LQM31PN1R0M00□	1.0μH±20%	1MHz	1200mA	0.12ohm±25%	60MHz

Operating Temperature Range: -55°C to +125°C

■ Inductance-Frequency Characteristics



■ Inductance-Current Characteristics

