



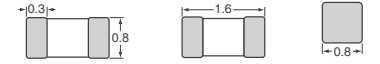
Chip Coils Monolithic and Film Type SMD (Cont.)



Dimensions in mm

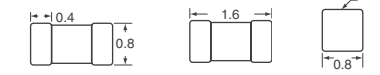
Table with columns: Inductance (nH), Tolerance, Test Freq. (MHz), Rated Current (mA), Q (Min.), DCR (Ω), SRF Min. (MHz), Digi-Key Part No., Cut Tape Pricing (1, 10, 100), Tape and Reel Qty., Pricing, Murata Part No.

LQM18F Series



Special ferrite material, whose inductance change caused by bias current is small, enables large rated current of 50mA at 10 micro H. Magnetically shielded structure enables good crosstalk characteristics.

LQM18N Series



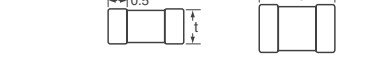
Magnetically shielded chip coils were developed by using original multilayer process technology and magnetic materials. Compact size is suitable for high density mounting. Shielded construction is not affected by interference from peripheral components.

LOG18H Series



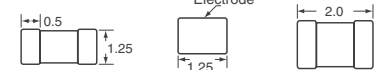
Designed to realize stable characteristics in high frequency range applying integrated multilayer process. Monolithic air core.

LQM21D Series



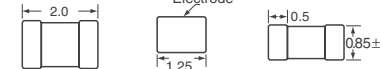
Consists of magnetically shielded chip inductors. It has less than half the DC resistance of our conventional monolithic chip inductors as well as high inductance. Monolithic design.

LQM21F Series



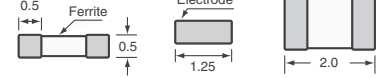
Suitable for power line choke because of its excellent direct current characteristics. The series has larger rated current (60mA at 10 micro H) than conventional rated current. Monolithic ferrite core.

LQM21N Series



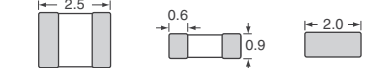
Consists of magnetically shielded chip inductors developed using Murata's original multilayer process technology and magnetic materials. The miniature size of 2.0mm x 1.25mm enables compact design of electric equipment.

LQM21P Series



Features: • Small size in 2.0x1.25mm • Low profile • Large rated current of 1100mA • Magnetically shielded structure • Outstanding solder heat resistance, either flow or reflow soldering methods can be employed Applications: • DC-DC converter circuits for mobile equipment

LQM2H Series



Features: • Small size of 2.5mm x 2.0mm • Flow/Reflow solderable • Low profile: 1.0mm max. • Large rated current: 1600mA, 1.0uH • Low DC resistance • Magnetically shielded structure Applications: • DC-DC converters of mobile devices

LQM31P Series



Features low DC resistance and magnetically shielded structure. Outstanding solder heat resistance. Either flow or reflow soldering methods can be employed.

0 For Tape and Reel part number, change 1-ND to 2-ND.

Digi-Reel Most SMT cutdown parts are available on a Digi-Reel. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key Services on page 2 for additional information.

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