

Continued from the preceding page.

| Part Number | Inductance (nH) | Test Frequency (MHz) | Rated Current (mA) | DC Resistance (ohm) | Q (min.) | Test Frequency (MHz) | Self Resonance Frequency (min.) (MHz) | EIA |
|---------------|-----------------|----------------------|--------------------|---------------------|----------|----------------------|---------------------------------------|------|
| LQW2BHN68NG03 | 68 ±2% | 100 | 460 | 0.23 max. | 40 | 200 | 1200 | 0805 |
| LQW2BHN68NJ03 | 68 ±5% | 100 | 460 | 0.23 max. | 40 | 200 | 1200 | 0805 |
| LQW2BHN82NG03 | 82 ±2% | 100 | 320 | 0.42 max. | 40 | 150 | 1100 | 0805 |
| LQW2BHN82NJ03 | 82 ±5% | 100 | 320 | 0.42 max. | 40 | 150 | 1100 | 0805 |
| LQW2BHNR10G03 | 100 ±2% | 100 | 270 | 0.55 max. | 35 | 150 | 900 | 0805 |
| LQW2BHNR10J03 | 100 ±5% | 100 | 350 | 0.38 max. | 40 | 150 | 900 | 0805 |
| LQW2BHNR12G03 | 120 ±2% | 100 | 320 | 0.40 max. | 40 | 150 | 750 | 0805 |
| LQW2BHNR12J03 | 120 ±5% | 100 | 320 | 0.40 max. | 40 | 150 | 750 | 0805 |
| LQW2BHNR15G03 | 150 ±2% | 100 | 260 | 0.68 max. | 30 | 150 | 350 | 0805 |
| LQW2BHNR15J03 | 150 ±5% | 100 | 390 | 0.47 max. | 30 | 150 | 350 | 0805 |
| LQW2BHNR18G03 | 180 ±2% | 100 | 250 | 0.71 max. | 35 | 100 | 700 | 0805 |
| LQW2BHNR18J03 | 180 ±5% | 100 | 250 | 0.71 max. | 35 | 100 | 700 | 0805 |
| LQW2BHNR22G03 | 220 ±2% | 100 | 240 | 0.70 max. | 35 | 100 | 500 | 0805 |
| LQW2BHNR22J03 | 220 ±5% | 100 | 240 | 0.70 max. | 35 | 100 | 500 | 0805 |
| LQW2BHNR27J03 | 270 ±5% | 10 | 190 | 2.00 max. | 15 | 25.2 | 550 | 0805 |
| LQW2BHNR27K03 | 270 ±10% | 10 | 190 | 2.00 max. | 15 | 25.2 | 550 | 0805 |
| LQW2BHNR33J03 | 330 ±5% | 10 | 180 | 2.20 max. | 15 | 25.2 | 500 | 0805 |
| LQW2BHNR33K03 | 330 ±10% | 10 | 180 | 2.20 max. | 15 | 25.2 | 500 | 0805 |
| LQW2BHNR39J03 | 390 ±5% | 10 | 170 | 2.50 max. | 15 | 25.2 | 400 | 0805 |
| LQW2BHNR39K03 | 390 ±10% | 10 | 170 | 2.50 max. | 15 | 25.2 | 400 | 0805 |
| LQW2BHNR47J03 | 470 ±5% | 10 | 160 | 2.80 max. | 15 | 25.2 | 350 | 0805 |
| LQW2BHNR47K03 | 470 ±10% | 10 | 160 | 2.80 max. | 15 | 25.2 | 350 | 0805 |

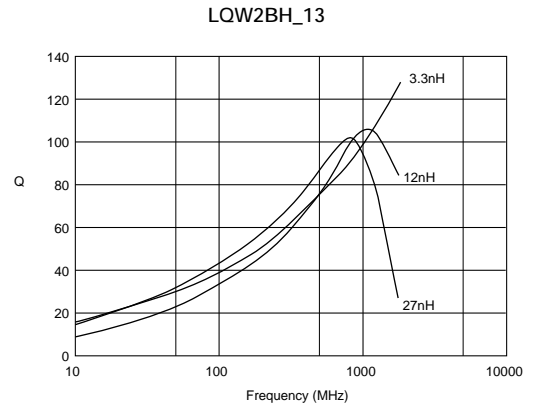
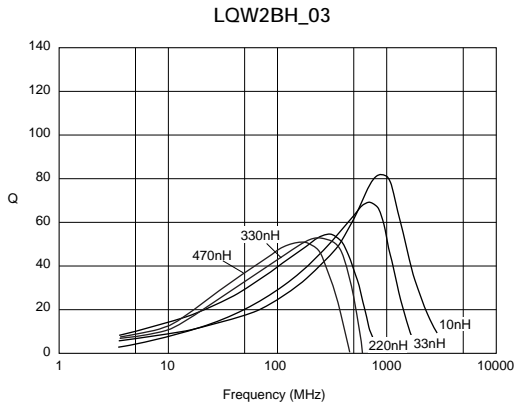
Operating Temp. Range : -25°C to +85°C

LQW2BH_13 (High Q/Low DC Resistance Type)

| Part Number | Inductance (nH) | Test Frequency (MHz) | Rated Current (mA) | DC Resistance (ohm) | Q (min.) | Test Frequency (MHz) | Self Resonance Frequency (min.) (MHz) | EIA |
|---------------|-----------------|----------------------|--------------------|---------------------|----------|----------------------|---------------------------------------|------|
| LQW2BHN2N7D13 | 2.7 ±0.5nH | 100 | 1900 | 0.02 max. | 20 | 250 | 6000 | 0805 |
| LQW2BHN3N1D13 | 3.1 ±0.5nH | 100 | 1800 | 0.02 max. | 20 | 250 | 6000 | 0805 |
| LQW2BHN3N3D13 | 3.3 ±0.5nH | 100 | 1700 | 0.02 max. | 20 | 250 | 6000 | 0805 |
| LQW2BHN5N6D13 | 5.6 ±0.5nH | 100 | 1500 | 0.02 max. | 35 | 250 | 6000 | 0805 |
| LQW2BHN6N8D13 | 6.8 ±0.5nH | 100 | 1400 | 0.02 max. | 35 | 250 | 5400 | 0805 |
| LQW2BHN8N6D13 | 8.6 ±0.5nH | 100 | 1300 | 0.03 max. | 35 | 250 | 3900 | 0805 |
| LQW2BHN10NJ13 | 10 ±5% | 100 | 1320 | 0.03 max. | 35 | 250 | 3300 | 0805 |
| LQW2BHN12NK13 | 12 ±10% | 100 | 1100 | 0.04 max. | 40 | 250 | 3200 | 0805 |
| LQW2BHN15NK13 | 15 ±10% | 100 | 1000 | 0.04 max. | 40 | 250 | 3100 | 0805 |
| LQW2BHN18NK13 | 18.8 ±10% | 100 | 1000 | 0.05 max. | 40 | 250 | 2600 | 0805 |
| LQW2BHN21NK13 | 21 ±10% | 100 | 950 | 0.05 max. | 40 | 250 | 2200 | 0805 |
| LQW2BHN27NK13 | 27 ±10% | 100 | 900 | 0.06 max. | 40 | 250 | 1800 | 0805 |

Operating Temp. Range : -25°C to +85°C

■ Q-Frequency Characteristics



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■ Inductance-Frequency Characteristics

