



●EKL MQG15A (High-frequency Monolithic Type)

| No. | Part Number   | Quantity<br>(pcs.) | Inductance |           | Q<br>min. | DC Resistance<br>(Ω) max. | Rated Current<br>(mA) |
|-----|---------------|--------------------|------------|-----------|-----------|---------------------------|-----------------------|
|     |               |                    | Nominal    | Tolerance |           |                           |                       |
| 1   | LQG15HN1N0S02 | 20                 | 1.0nH      | ±0.3nH    | 8         | 0.10                      | 300                   |
| 2   | LQG15HN1N1S02 | 20                 | 1.1nH      | ±0.3nH    | 8         | 0.10                      | 300                   |
| 3   | LQG15HN1N2S02 | 20                 | 1.2nH      | ±0.3nH    | 8         | 0.10                      | 300                   |
| 4   | LQG15HN1N3S02 | 20                 | 1.3nH      | ±0.3nH    | 8         | 0.10                      | 300                   |
| 5   | LQG15HN1N5S02 | 20                 | 1.5nH      | ±0.3nH    | 8         | 0.10                      | 300                   |
| 6   | LQG15HN1N6S02 | 20                 | 1.6nH      | ±0.3nH    | 8         | 0.10                      | 300                   |
| 7   | LQG15HN1N8S02 | 20                 | 1.8nH      | ±0.3nH    | 8         | 0.10                      | 300                   |
| 8   | LQG15HN2N0S02 | 20                 | 2.0nH      | ±0.3nH    | 8         | 0.12                      | 300                   |
| 9   | LQG15HN2N2S02 | 20                 | 2.2nH      | ±0.3nH    | 8         | 0.15                      | 300                   |
| 10  | LQG15HN2N4S02 | 20                 | 2.4nH      | ±0.3nH    | 8         | 0.16                      | 300                   |
| 11  | LQG15HN2N7S02 | 20                 | 2.7nH      | ±0.3nH    | 8         | 0.17                      | 300                   |
| 12  | LQG15HN3N0S02 | 20                 | 3.0nH      | ±0.3nH    | 8         | 0.18                      | 300                   |
| 13  | LQG15HN3N3S02 | 20                 | 3.3nH      | ±0.3nH    | 8         | 0.19                      | 300                   |
| 14  | LQG15HN3N6S02 | 20                 | 3.6nH      | ±0.3nH    | 8         | 0.19                      | 300                   |
| 15  | LQG15HN3N9S02 | 20                 | 3.9nH      | ±0.3nH    | 8         | 0.19                      | 300                   |
| 16  | LQG15HN4N3S02 | 20                 | 4.3nH      | ±0.3nH    | 8         | 0.21                      | 300                   |
| 17  | LQG15HN4N7S02 | 20                 | 4.7nH      | ±0.3nH    | 8         | 0.23                      | 300                   |
| 18  | LQG15HN5N1S02 | 20                 | 5.1nH      | ±0.3nH    | 8         | 0.24                      | 300                   |
| 19  | LQG15HN5N6S02 | 20                 | 5.6nH      | ±0.3nH    | 8         | 0.26                      | 300                   |
| 20  | LQG15HN6N2S02 | 20                 | 6.2nH      | ±0.3nH    | 8         | 0.27                      | 300                   |
| 21  | LQG15HN6N8J02 | 20                 | 6.8nH      | ±5%       | 8         | 0.29                      | 300                   |
| 22  | LQG15HN7N5J02 | 20                 | 7.5nH      | ±5%       | 8         | 0.31                      | 300                   |
| 23  | LQG15HN8N2J02 | 20                 | 8.2nH      | ±5%       | 8         | 0.33                      | 300                   |
| 24  | LQG15HN9N1J02 | 20                 | 9.1nH      | ±5%       | 8         | 0.34                      | 300                   |
| 25  | LQG15HN10NJ02 | 20                 | 10nH       | ±5%       | 8         | 0.35                      | 300                   |
| 26  | LQG15HN12NJ02 | 20                 | 12nH       | ±5%       | 8         | 0.41                      | 300                   |
| 27  | LQG15HN15NJ02 | 20                 | 15nH       | ±5%       | 8         | 0.46                      | 300                   |
| 28  | LQG15HN18NJ02 | 20                 | 18nH       | ±5%       | 8         | 0.51                      | 300                   |
| 29  | LQG15HN22NJ02 | 20                 | 22nH       | ±5%       | 8         | 0.58                      | 300                   |
| 30  | LQG15HN27NJ02 | 20                 | 27nH       | ±5%       | 8         | 0.67                      | 300                   |
| 31  | LQG15HN33NJ02 | 20                 | 33nH       | ±5%       | 8         | 0.67                      | 200                   |
| 32  | LQG15HN39NJ02 | 20                 | 39nH       | ±5%       | 8         | 1.06                      | 200                   |
| 33  | LQG15HN47NJ02 | 20                 | 47nH       | ±5%       | 8         | 1.15                      | 200                   |
| 34  | LQG15HN56NJ02 | 20                 | 56nH       | ±5%       | 8         | 1.20                      | 200                   |
| 35  | LQG15HN68NJ02 | 20                 | 68nH       | ±5%       | 8         | 1.25                      | 180                   |
| 36  | LQG15HN82NJ02 | 20                 | 82nH       | ±5%       | 8         | 1.60                      | 150                   |
| 37  | LQG15HNR10J02 | 20                 | 100nH      | ±5%       | 8         | 1.60                      | 150                   |
| 38  | LQG15HNR12J02 | 20                 | 120nH      | ±5%       | 8         | 1.60                      | 150                   |

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## Design Kits

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### ●EKL MQG18A (High-frequency Monolithic Type)

| No. | Part Number   | Quantity<br>(pcs.) | Inductance |           | Q<br>min. | DC Resistance<br>(Ω) max. | Rated Current<br>(mA) |
|-----|---------------|--------------------|------------|-----------|-----------|---------------------------|-----------------------|
|     |               |                    | Nominal    | Tolerance |           |                           |                       |
| 1   | LQG18HN1N2S00 | 20                 | 1.2nH      | ±0.3nH    | 12        | 0.10                      | 300                   |
| 2   | LQG18HN1N5S00 | 20                 | 1.5nH      | ±0.3nH    | 12        | 0.10                      | 300                   |
| 3   | LQG18HN1N8S00 | 20                 | 1.8nH      | ±0.3nH    | 12        | 0.10                      | 300                   |
| 4   | LQG18HN2N2S00 | 20                 | 2.2nH      | ±0.3nH    | 12        | 0.10                      | 300                   |
| 5   | LQG18HN2N7S00 | 20                 | 2.7nH      | ±0.3nH    | 12        | 0.15                      | 300                   |
| 6   | LQG18HN3N3S00 | 20                 | 3.3nH      | ±0.3nH    | 12        | 0.15                      | 300                   |
| 7   | LQG18HN3N9S00 | 20                 | 3.9nH      | ±0.3nH    | 12        | 0.15                      | 300                   |
| 8   | LQG18HN4N7S00 | 20                 | 4.7nH      | ±0.3nH    | 12        | 0.20                      | 300                   |
| 9   | LQG18HN5N6S00 | 20                 | 5.6nH      | ±0.3nH    | 12        | 0.20                      | 300                   |
| 10  | LQG18HN6N8J00 | 20                 | 6.8nH      | ±5%       | 12        | 0.25                      | 300                   |
| 11  | LQG18HN8N2J00 | 20                 | 8.2nH      | ±5%       | 12        | 0.25                      | 300                   |
| 12  | LQG18HN10NJ00 | 20                 | 10nH       | ±5%       | 12        | 0.30                      | 300                   |
| 13  | LQG18HN12NJ00 | 20                 | 12nH       | ±5%       | 12        | 0.35                      | 300                   |
| 14  | LQG18HN15NJ00 | 20                 | 15nH       | ±5%       | 12        | 0.40                      | 300                   |
| 15  | LQG18HN18NJ00 | 20                 | 18nH       | ±5%       | 12        | 0.45                      | 300                   |
| 16  | LQG18HN22NJ00 | 20                 | 22nH       | ±5%       | 12        | 0.50                      | 300                   |
| 17  | LQG18HN27NJ00 | 20                 | 27nH       | ±5%       | 12        | 0.55                      | 300                   |
| 18  | LQG18HN33NJ00 | 20                 | 33nH       | ±5%       | 12        | 0.60                      | 300                   |
| 19  | LQG18HN39NJ00 | 20                 | 39nH       | ±5%       | 12        | 0.65                      | 300                   |
| 20  | LQG18HN47NJ00 | 20                 | 47nH       | ±5%       | 12        | 0.70                      | 300                   |
| 21  | LQG18HN56NJ00 | 20                 | 56nH       | ±5%       | 12        | 0.75                      | 300                   |
| 22  | LQG18HN68NJ00 | 20                 | 68nH       | ±5%       | 12        | 0.80                      | 300                   |
| 23  | LQG18HN82NJ00 | 20                 | 82nH       | ±5%       | 12        | 0.85                      | 300                   |
| 24  | LQG18HNR10J00 | 20                 | 100nH      | ±5%       | 12        | 0.90                      | 300                   |

### ●EKL MQP03B (High-frequency Film Type)

| No. | Part Number   | Quantity<br>(pcs.) | Inductance |           | Q<br>min. | DC Resistance<br>(Ω) max. | Rated Current<br>(mA) |
|-----|---------------|--------------------|------------|-----------|-----------|---------------------------|-----------------------|
|     |               |                    | Nominal    | Tolerance |           |                           |                       |
| 1   | LQP03TN0N6C00 | 20                 | 0.6nH      | ±0.2nH    | 11        | 0.08                      | 420                   |
| 2   | LQP03TN0N8C00 | 20                 | 0.8nH      | ±0.2nH    | 11        | 0.09                      | 410                   |
| 3   | LQP03TN1N0C00 | 20                 | 1.0nH      | ±0.2nH    | 11        | 0.10                      | 400                   |
| 4   | LQP03TN1N2C00 | 20                 | 1.2nH      | ±0.2nH    | 11        | 0.13                      | 280                   |
| 5   | LQP03TN1N5C00 | 20                 | 1.5nH      | ±0.2nH    | 11        | 0.16                      | 280                   |
| 6   | LQP03TN1N8C00 | 20                 | 1.8nH      | ±0.2nH    | 11        | 0.16                      | 280                   |
| 7   | LQP03TN2N2C00 | 20                 | 2.2nH      | ±0.2nH    | 11        | 0.18                      | 220                   |
| 8   | LQP03TN2N7C00 | 20                 | 2.7nH      | ±0.2nH    | 11        | 0.21                      | 220                   |
| 9   | LQP03TN3N3C00 | 20                 | 3.3nH      | ±0.2nH    | 11        | 0.30                      | 190                   |
| 10  | LQP03TN3N9C00 | 20                 | 3.9nH      | ±0.2nH    | 11        | 0.45                      | 170                   |
| 11  | LQP03TN4N7J00 | 20                 | 4.7nH      | ±5%       | 11        | 0.55                      | 160                   |
| 12  | LQP03TN5N6J00 | 20                 | 5.6nH      | ±5%       | 11        | 0.68                      | 140                   |
| 13  | LQP03TN6N8J00 | 20                 | 6.8nH      | ±5%       | 11        | 0.75                      | 130                   |
| 14  | LQP03TN8N2J00 | 20                 | 8.2nH      | ±5%       | 11        | 0.86                      | 110                   |
| 15  | LQP03TN10NJ00 | 20                 | 10nH       | ±5%       | 11        | 1.10                      | 100                   |
| 16  | LQP03TN12NJ00 | 20                 | 12nH       | ±5%       | 11        | 1.25                      | 90                    |
| 17  | LQP03TN15NJ00 | 20                 | 15nH       | ±5%       | 11        | 1.50                      | 90                    |
| 18  | LQP03TN18HJ00 | 20                 | 18nH       | ±3%       | 11        | 2.00                      | 80                    |
| 19  | LQP03TN22HJ00 | 20                 | 22nH       | ±3%       | 11        | 2.60                      | 70                    |
| 20  | LQP03TN27HJ00 | 20                 | 27nH       | ±3%       | 11        | 3.10                      | 70                    |

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**●EKLMP15A (High-frequency Film Type)**

| No. | Part Number   | Quantity<br>(pcs.) | Inductance |           | Q<br>min. | DC Resistance<br>(Ω) max. | Rated Current<br>(mA) |
|-----|---------------|--------------------|------------|-----------|-----------|---------------------------|-----------------------|
|     |               |                    | Nominal    | Tolerance |           |                           |                       |
| 1   | LQP15MN1N0B02 | 20                 | 1.0nH      | 0.1nH     | 13        | 0.1                       | 400                   |
| 2   | LQP15MN1N1B02 | 20                 | 1.1nH      | 0.1nH     | 13        | 0.1                       | 390                   |
| 3   | LQP15MN1N2B02 | 20                 | 1.2nH      | 0.1nH     | 13        | 0.1                       | 390                   |
| 4   | LQP15MN1N3B02 | 20                 | 1.3nH      | 0.1nH     | 13        | 0.2                       | 280                   |
| 5   | LQP15MN1N5B02 | 20                 | 1.5nH      | 0.1nH     | 13        | 0.2                       | 280                   |
| 6   | LQP15MN1N6B02 | 20                 | 1.6nH      | 0.1nH     | 13        | 0.3                       | 220                   |
| 7   | LQP15MN1N8B02 | 20                 | 1.8nH      | 0.1nH     | 13        | 0.2                       | 280                   |
| 8   | LQP15MN2N0B02 | 20                 | 2.0nH      | 0.1nH     | 13        | 0.3                       | 220                   |
| 9   | LQP15MN2N2B02 | 20                 | 2.2nH      | 0.1nH     | 13        | 0.3                       | 220                   |
| 10  | LQP15MN2N4B02 | 20                 | 2.4nH      | 0.1nH     | 13        | 0.3                       | 220                   |
| 11  | LQP15MN2N7B02 | 20                 | 2.7nH      | 0.1nH     | 13        | 0.3                       | 220                   |
| 12  | LQP15MN3N0B02 | 20                 | 3.0nH      | 0.1nH     | 13        | 0.4                       | 190                   |
| 13  | LQP15MN3N3B02 | 20                 | 3.3nH      | 0.1nH     | 13        | 0.4                       | 190                   |
| 14  | LQP15MN3N6B02 | 20                 | 3.6nH      | 0.1nH     | 13        | 0.5                       | 170                   |
| 15  | LQP15MN3N9B02 | 20                 | 3.9nH      | 0.1nH     | 13        | 0.5                       | 170                   |
| 16  | LQP15MN4N3B02 | 20                 | 4.3nH      | 0.1nH     | 13        | 0.6                       | 160                   |
| 17  | LQP15MN4N7B02 | 20                 | 4.7nH      | 0.1nH     | 13        | 0.6                       | 160                   |
| 18  | LQP15MN5N1B02 | 20                 | 5.1nH      | ±0.1nH    | 13        | 0.7                       | 140                   |
| 19  | LQP15MN5N6B02 | 20                 | 5.6nH      | ±0.1nH    | 13        | 0.7                       | 140                   |
| 20  | LQP15MN6N2B02 | 20                 | 6.2nH      | ±0.1nH    | 13        | 0.9                       | 130                   |
| 21  | LQP15MN6N8B02 | 20                 | 6.8nH      | ±0.1nH    | 13        | 0.9                       | 130                   |
| 22  | LQP15MN7N5B02 | 20                 | 7.5nH      | ±0.1nH    | 13        | 1.1                       | 110                   |
| 23  | LQP15MN8N2B02 | 20                 | 8.2nH      | ±0.1nH    | 13        | 1.1                       | 110                   |
| 24  | LQP15MN9N1B02 | 20                 | 9.1nH      | ±0.1nH    | 13        | 1.3                       | 100                   |
| 25  | LQP15MN10NG02 | 20                 | 10nH       | ±2%       | 13        | 1.3                       | 100                   |
| 26  | LQP15MN12NG02 | 20                 | 12nH       | ±2%       | 13        | 1.6                       | 90                    |
| 27  | LQP15MN15NG02 | 20                 | 15nH       | ±2%       | 13        | 1.8                       | 90                    |
| 28  | LQP15MN18NG02 | 20                 | 18nH       | ±2%       | 13        | 2.0                       | 80                    |
| 29  | LQP15MN22NG02 | 20                 | 22nH       | ±2%       | 13        | 2.6                       | 70                    |
| 30  | LQP15MN27NG02 | 20                 | 27nH       | ±2%       | 13        | 3.1                       | 70                    |
| 31  | LQP15MN33NG02 | 20                 | 33nH       | ±2%       | 13        | 3.8                       | 60                    |

**●EKLMP15B (High-frequency Winding Type)**

| No. | Part Number   | Quantity<br>(pcs.) | Inductance |           | Q<br>min. | DC Resistance<br>(Ω) max. | Rated Current<br>(mA) |
|-----|---------------|--------------------|------------|-----------|-----------|---------------------------|-----------------------|
|     |               |                    | Nominal    | Tolerance |           |                           |                       |
| 1   | LQW15AN1N5C00 | 20                 | 1.5nH      | ±0.2nH    | 10        | 0.03                      | 1000                  |
| 2   | LQW15AN2N7C00 | 20                 | 2.7nH      | ±0.2nH    | 20        | 0.05                      | 850                   |
| 3   | LQW15AN4N3C00 | 20                 | 4.3nH      | ±0.2nH    | 25        | 0.07                      | 750                   |
| 4   | LQW15AN4N7C00 | 20                 | 4.7nH      | ±0.2nH    | 25        | 0.07                      | 750                   |
| 5   | LQW15AN5N1C00 | 20                 | 5.1nH      | ±0.2nH    | 25        | 0.12                      | 600                   |
| 6   | LQW15AN6N2C00 | 20                 | 6.2nH      | ±0.2nH    | 25        | 0.09                      | 700                   |
| 7   | LQW15AN6N8H00 | 20                 | 6.8nH      | ±3%       | 25        | 0.09                      | 700                   |
| 8   | LQW15AN7N5H00 | 20                 | 7.5nH      | ±3%       | 25        | 0.13                      | 570                   |
| 9   | LQW15AN9N1H00 | 20                 | 9.1nH      | ±3%       | 25        | 0.14                      | 540                   |
| 10  | LQW15AN10NH00 | 20                 | 10nH       | ±3%       | 25        | 0.17                      | 500                   |
| 11  | LQW15AN12NH00 | 20                 | 12nH       | ±3%       | 30        | 0.14                      | 500                   |
| 12  | LQW15AN15NH00 | 20                 | 15nH       | ±3%       | 30        | 0.16                      | 460                   |
| 13  | LQW15AN18NH00 | 20                 | 18nH       | ±3%       | 25        | 0.27                      | 370                   |
| 14  | LQW15AN22NH00 | 20                 | 22nH       | ±3%       | 25        | 0.30                      | 310                   |
| 15  | LQW15AN27NH00 | 20                 | 27nH       | ±3%       | 25        | 0.52                      | 280                   |

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## Design Kits

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| No. | Part Number   | Quantity (pcs.) | Inductance |           | Q min. | DC Resistance (Ω) max. | Rated Current (mA) |
|-----|---------------|-----------------|------------|-----------|--------|------------------------|--------------------|
|     |               |                 | Nominal    | Tolerance |        |                        |                    |
| 16  | LQW15AN33NH00 | 20              | 33nH       | ±3%       | 25     | 0.63                   | 260                |
| 17  | LQW15AN39NH00 | 20              | 39nH       | ±3%       | 25     | 0.70                   | 250                |
| 18  | LQW15AN47NH00 | 20              | 47nH       | ±3%       | 25     | 1.08                   | 210                |
| 19  | LQW15AN56NH00 | 20              | 56nH       | ±3%       | 25     | 1.17                   | 200                |
| 20  | LQW15AN68NJ00 | 20              | 68nH       | ±5%       | 20     | 1.96                   | 140                |
| 21  | LQW15AN82NJ00 | 20              | 82nH       | ±5%       | 20     | 2.24                   | 130                |

### ●EKL MQ18GA (High-frequency Winding Type)

| No. | Part Number   | Quantity (pcs.) | Inductance |           | Q min. | DC Resistance (Ω) max. | Rated Current (mA) |
|-----|---------------|-----------------|------------|-----------|--------|------------------------|--------------------|
|     |               |                 | Nominal    | Tolerance |        |                        |                    |
| 1   | LQW18AN3N6C00 | 20              | 3.6nH      | ±0.2nH    | 25     | 0.059                  | 850                |
| 2   | LQW18AN3N9C00 | 20              | 3.9nH      | ±0.2nH    | 35     | 0.059                  | 850                |
| 3   | LQW18AN4N3C00 | 20              | 4.3nH      | ±0.2nH    | 35     | 0.059                  | 850                |
| 4   | LQW18AN5N6C00 | 20              | 5.6nH      | ±0.2nH    | 35     | 0.082                  | 750                |
| 5   | LQW18AN6N2C00 | 20              | 6.2nH      | ±0.2nH    | 35     | 0.082                  | 750                |
| 6   | LQW18AN6N8C00 | 20              | 6.8nH      | ±0.2nH    | 35     | 0.082                  | 750                |
| 7   | LQW18AN10NG00 | 20              | 10nH       | ±2%       | 35     | 0.11                   | 650                |
| 8   | LQW18AN11NG00 | 20              | 11nH       | ±2%       | 35     | 0.11                   | 650                |
| 9   | LQW18AN12NG00 | 20              | 12nH       | ±2%       | 35     | 0.13                   | 600                |
| 10  | LQW18AN13NG00 | 20              | 13nH       | ±2%       | 35     | 0.13                   | 600                |
| 11  | LQW18AN15NG00 | 20              | 15nH       | ±2%       | 40     | 0.13                   | 600                |
| 12  | LQW18AN16NG00 | 20              | 16nH       | ±2%       | 40     | 0.16                   | 550                |
| 13  | LQW18AN18NG00 | 20              | 18nH       | ±2%       | 40     | 0.16                   | 550                |
| 14  | LQW18AN20NG00 | 20              | 20nH       | ±2%       | 40     | 0.16                   | 550                |
| 15  | LQW18AN22NG00 | 20              | 22nH       | ±2%       | 40     | 0.17                   | 500                |
| 16  | LQW18AN24NG00 | 20              | 24nH       | ±2%       | 40     | 0.21                   | 500                |
| 17  | LQW18AN27NG00 | 20              | 27nH       | ±2%       | 40     | 0.21                   | 440                |
| 18  | LQW18AN30NG00 | 20              | 30nH       | ±2%       | 40     | 0.23                   | 420                |
| 19  | LQW18AN33NG00 | 20              | 33nH       | ±2%       | 40     | 0.23                   | 420                |
| 20  | LQW18AN36NG00 | 20              | 36nH       | ±2%       | 40     | 0.26                   | 400                |
| 21  | LQW18AN39NG00 | 20              | 39nH       | ±2%       | 40     | 0.26                   | 400                |
| 22  | LQW18AN43NG00 | 20              | 43nH       | ±2%       | 40     | 0.29                   | 380                |
| 23  | LQW18AN47NG00 | 20              | 47nH       | ±2%       | 38     | 0.29                   | 380                |
| 24  | LQW18AN51NG00 | 20              | 51nH       | ±2%       | 38     | 0.33                   | 370                |
| 25  | LQW18AN56NG00 | 20              | 56nH       | ±2%       | 38     | 0.35                   | 360                |
| 26  | LQW18AN62NG00 | 20              | 62nH       | ±2%       | 38     | 0.51                   | 280                |
| 27  | LQW18AN68NG00 | 20              | 68nH       | ±2%       | 38     | 0.38                   | 340                |
| 28  | LQW18AN72NG00 | 20              | 72nH       | ±2%       | 34     | 0.56                   | 270                |
| 29  | LQW18AN75NG00 | 20              | 75nH       | ±2%       | 34     | 0.56                   | 270                |
| 30  | LQW18AN82NG00 | 20              | 82nH       | ±2%       | 34     | 0.60                   | 250                |
| 31  | LQW18AN91NG00 | 20              | 91nH       | ±2%       | 34     | 0.64                   | 230                |
| 32  | LQW18ANR10G00 | 20              | 100nH      | ±2%       | 34     | 0.68                   | 220                |
| 33  | LQW18ANR11G00 | 20              | 110nH      | ±2%       | 32     | 1.2                    | 200                |
| 34  | LQW18ANR12G00 | 20              | 120nH      | ±2%       | 32     | 1.3                    | 180                |
| 35  | LQW18ANR13G00 | 20              | 130nH      | ±2%       | 32     | 1.4                    | 170                |
| 36  | LQW18ANR15G00 | 20              | 150nH      | ±2%       | 32     | 1.5                    | 160                |
| 37  | LQW18ANR16G00 | 20              | 160nH      | ±2%       | 32     | 2.1                    | 150                |
| 38  | LQW18ANR18G00 | 20              | 180nH      | ±2%       | 25     | 2.2                    | 140                |
| 39  | LQW18ANR20G00 | 20              | 200nH      | ±2%       | 25     | 2.4                    | 120                |
| 40  | LQW18ANR22G00 | 20              | 220nH      | ±2%       | 25     | 2.5                    | 120                |
| 41  | LQW18ANR27G00 | 20              | 270nH      | ±2%       | 30     | 3.4                    | 110                |
| 42  | LQW18ANR33G00 | 20              | 330nH      | ±2%       | 30     | 5.5                    | 85                 |

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| No. | Part Number   | Quantity<br>(pcs.) | Inductance |                    | Q<br>min. | DC Resistance<br>( $\Omega$ ) max. | Rated Current<br>(mA) |
|-----|---------------|--------------------|------------|--------------------|-----------|------------------------------------|-----------------------|
|     |               |                    | Nominal    | Tolerance          |           |                                    |                       |
| 43  | LQW18ANR39G00 | 20                 | 390nH      | $\pm 2\%$          | 30        | 6.2                                | 80                    |
| 44  | LQW18ANR47G00 | 20                 | 470nH      | $\pm 2\%$          | 30        | 7.0                                | 75                    |
| 45  | LQW18AN3N9C10 | 20                 | 3.9nH      | $\pm 0.2\text{nH}$ | 38        | 0.032                              | 1000                  |
| 46  | LQW18AN6N8C10 | 20                 | 6.8nH      | $\pm 0.2\text{nH}$ | 38        | 0.045                              | 900                   |
| 47  | LQW18AN10NG10 | 20                 | 10nH       | $\pm 2\%$          | 38        | 0.058                              | 800                   |
| 48  | LQW18AN12NG10 | 20                 | 12nH       | $\pm 2\%$          | 38        | 0.071                              | 750                   |
| 49  | LQW18AN18NG10 | 20                 | 18nH       | $\pm 2\%$          | 42        | 0.085                              | 700                   |
| 50  | LQW18AN22NG10 | 20                 | 22nH       | $\pm 2\%$          | 42        | 0.099                              | 640                   |
| 51  | LQW18AN27NG10 | 20                 | 27nH       | $\pm 2\%$          | 42        | 0.116                              | 590                   |

●EKL MQ18JA (High-frequency Winding Type)

| No. | Part Number   | Quantity<br>(pcs.) | Inductance |                    | Q<br>min. | DC Resistance<br>( $\Omega$ ) max. | Rated Current<br>(mA) |
|-----|---------------|--------------------|------------|--------------------|-----------|------------------------------------|-----------------------|
|     |               |                    | Nominal    | Tolerance          |           |                                    |                       |
| 1   | LQW18AN2N2D10 | 20                 | 2.2nH      | $\pm 0.5\text{nH}$ | 25        | 0.018                              | 1400                  |
| 2   | LQW18AN3N6D00 | 20                 | 3.6nH      | $\pm 0.5\text{nH}$ | 25        | 0.059                              | 850                   |
| 3   | LQW18AN3N9D10 | 20                 | 3.9nH      | $\pm 0.5\text{nH}$ | 38        | 0.032                              | 1000                  |
| 4   | LQW18AN4N3D00 | 20                 | 4.3nH      | $\pm 0.5\text{nH}$ | 35        | 0.059                              | 850                   |
| 5   | LQW18AN4N7D00 | 20                 | 4.7nH      | $\pm 0.5\text{nH}$ | 35        | 0.059                              | 850                   |
| 6   | LQW18AN5N6D10 | 20                 | 5.6nH      | $\pm 0.5\text{nH}$ | 38        | 0.045                              | 900                   |
| 7   | LQW18AN6N2D00 | 20                 | 6.2nH      | $\pm 0.5\text{nH}$ | 35        | 0.082                              | 750                   |
| 8   | LQW18AN6N8D10 | 20                 | 6.8nH      | $\pm 0.5\text{nH}$ | 38        | 0.045                              | 900                   |
| 9   | LQW18AN7N5D00 | 20                 | 7.5nH      | $\pm 0.5\text{nH}$ | 35        | 0.082                              | 750                   |
| 10  | LQW18AN8N2D10 | 20                 | 8.2nH      | $\pm 0.5\text{nH}$ | 38        | 0.058                              | 800                   |
| 11  | LQW18AN8N7D00 | 20                 | 8.7nH      | $\pm 0.5\text{nH}$ | 35        | 0.11                               | 650                   |
| 12  | LQW18AN9N1D00 | 20                 | 9.1nH      | $\pm 0.5\text{nH}$ | 35        | 0.11                               | 650                   |
| 13  | LQW18AN9N5D00 | 20                 | 9.5nH      | $\pm 0.5\text{nH}$ | 35        | 0.11                               | 650                   |
| 14  | LQW18AN10NJ10 | 20                 | 10nH       | $\pm 5\%$          | 38        | 0.058                              | 800                   |
| 15  | LQW18AN11NJ00 | 20                 | 11nH       | $\pm 5\%$          | 35        | 0.11                               | 650                   |
| 16  | LQW18AN12NJ10 | 20                 | 12nH       | $\pm 5\%$          | 38        | 0.071                              | 750                   |
| 17  | LQW18AN13NJ00 | 20                 | 13nH       | $\pm 5\%$          | 35        | 0.13                               | 600                   |
| 18  | LQW18AN15NJ10 | 20                 | 15nH       | $\pm 5\%$          | 42        | 0.085                              | 700                   |
| 19  | LQW18AN16NJ00 | 20                 | 16nH       | $\pm 5\%$          | 40        | 0.16                               | 550                   |
| 20  | LQW18AN18NJ10 | 20                 | 18nH       | $\pm 5\%$          | 42        | 0.085                              | 700                   |
| 21  | LQW18AN20NJ00 | 20                 | 20nH       | $\pm 5\%$          | 40        | 0.16                               | 550                   |
| 22  | LQW18AN22NJ10 | 20                 | 22nH       | $\pm 5\%$          | 42        | 0.099                              | 640                   |
| 23  | LQW18AN24NJ00 | 20                 | 24nH       | $\pm 5\%$          | 40        | 0.21                               | 500                   |
| 24  | LQW18AN27NJ10 | 20                 | 27nH       | $\pm 5\%$          | 42        | 0.116                              | 590                   |
| 25  | LQW18AN30NJ00 | 20                 | 30nH       | $\pm 5\%$          | 40        | 0.23                               | 420                   |
| 26  | LQW18AN33NJ10 | 20                 | 33nH       | $\pm 5\%$          | 42        | 0.132                              | 550                   |
| 27  | LQW18AN36NJ00 | 20                 | 36nH       | $\pm 5\%$          | 40        | 0.26                               | 400                   |
| 28  | LQW18AN39NJ00 | 20                 | 39nH       | $\pm 5\%$          | 40        | 0.26                               | 400                   |
| 29  | LQW18AN43NJ00 | 20                 | 43nH       | $\pm 5\%$          | 40        | 0.29                               | 380                   |
| 30  | LQW18AN47NJ00 | 20                 | 47nH       | $\pm 5\%$          | 38        | 0.29                               | 380                   |
| 31  | LQW18AN51NJ00 | 20                 | 51nH       | $\pm 5\%$          | 38        | 0.33                               | 370                   |
| 32  | LQW18AN56NJ00 | 20                 | 56nH       | $\pm 5\%$          | 38        | 0.35                               | 360                   |
| 33  | LQW18AN62NJ00 | 20                 | 62nH       | $\pm 5\%$          | 38        | 0.51                               | 280                   |
| 34  | LQW18AN68NJ00 | 20                 | 68nH       | $\pm 5\%$          | 38        | 0.38                               | 340                   |
| 35  | LQW18AN72NJ00 | 20                 | 72nH       | $\pm 5\%$          | 34        | 0.56                               | 270                   |
| 36  | LQW18AN75NJ00 | 20                 | 75nH       | $\pm 5\%$          | 34        | 0.56                               | 270                   |
| 37  | LQW18AN82NJ00 | 20                 | 82nH       | $\pm 5\%$          | 34        | 0.60                               | 250                   |
| 38  | LQW18AN91NJ00 | 20                 | 91nH       | $\pm 5\%$          | 34        | 0.64                               | 230                   |
| 39  | LQW18ANR10J00 | 20                 | 100nH      | $\pm 5\%$          | 34        | 0.68                               | 220                   |

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## Design Kits

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| No. | Part Number   | Quantity (pcs.) | Inductance |           | Q min. | DC Resistance (Ω) max. | Rated Current (mA) |
|-----|---------------|-----------------|------------|-----------|--------|------------------------|--------------------|
|     |               |                 | Nominal    | Tolerance |        |                        |                    |
| 40  | LQW18ANR11J00 | 20              | 110nH      | ±5%       | 32     | 1.2                    | 200                |
| 41  | LQW18ANR12J00 | 20              | 120nH      | ±5%       | 32     | 1.3                    | 180                |
| 42  | LQW18ANR13J00 | 20              | 130nH      | ±5%       | 32     | 1.4                    | 170                |
| 43  | LQW18ANR15J00 | 20              | 150nH      | ±5%       | 32     | 1.5                    | 160                |
| 44  | LQW18ANR16J00 | 20              | 160nH      | ±5%       | 32     | 2.1                    | 150                |
| 45  | LQW18ANR18J00 | 20              | 180nH      | ±5%       | 25     | 2.2                    | 140                |
| 46  | LQW18ANR20J00 | 20              | 200nH      | ±5%       | 25     | 2.4                    | 120                |
| 47  | LQW18ANR22J00 | 20              | 220nH      | ±5%       | 25     | 2.5                    | 120                |
| 48  | LQW18ANR27J00 | 20              | 270nH      | ±5%       | 30     | 3.4                    | 110                |
| 49  | LQW18ANR33J00 | 20              | 330nH      | ±5%       | 30     | 5.5                    | 85                 |
| 50  | LQW18ANR39J00 | 20              | 390nH      | ±5%       | 30     | 6.2                    | 80                 |
| 51  | LQW18ANR47J00 | 20              | 470nH      | ±5%       | 30     | 7.0                    | 75                 |

### ●EKLMQW2BB (High-frequency Winding Type)

| No. | Part Number   | Quantity (pcs.) | Inductance |           | Q min. | DC Resistance (Ω) max. | Rated Current (mA) |
|-----|---------------|-----------------|------------|-----------|--------|------------------------|--------------------|
|     |               |                 | Nominal    | Tolerance |        |                        |                    |
| 1   | LQW2BHN2N7D13 | 20              | 2.7nH      | ±0.5nH    | 20     | 0.02                   | 1900               |
| 2   | LQW2BHN3N1D13 | 20              | 3.1nH      | ±0.5nH    | 20     | 0.02                   | 1800               |
| 3   | LQW2BHN3N3D13 | 20              | 3.3nH      | ±0.5nH    | 20     | 0.02                   | 1700               |
| 4   | LQW2BHN5N6D13 | 20              | 5.6nH      | ±0.5nH    | 35     | 0.02                   | 1500               |
| 5   | LQW2BHN6N8D13 | 20              | 6.8nH      | ±0.5nH    | 35     | 0.02                   | 1400               |
| 6   | LQW2BHN8N6D13 | 20              | 8.6nH      | ±0.5nH    | 35     | 0.03                   | 1300               |
| 7   | LQW2BHN10NJ13 | 20              | 10nH       | ±5%       | 35     | 0.03                   | 1320               |
| 8   | LQW2BHN12NK13 | 20              | 12nH       | ±10%      | 40     | 0.04                   | 1100               |
| 9   | LQW2BHN15NK13 | 20              | 15nH       | ±10%      | 40     | 0.04                   | 1000               |
| 10  | LQW2BHN18NK13 | 20              | 18.8nH     | ±10%      | 40     | 0.05                   | 1000               |
| 11  | LQW2BHN21NK13 | 20              | 21nH       | ±10%      | 40     | 0.05                   | 950                |
| 12  | LQW2BHN27NK13 | 20              | 27nH       | ±10%      | 40     | 0.06                   | 900                |
| 13  | LQW2BHN33NJ03 | 20              | 33nH       | ±5%       | 40     | 0.15                   | 570                |
| 14  | LQW2BHN39NJ03 | 20              | 39nH       | ±5%       | 40     | 0.09                   | 730                |
| 15  | LQW2BHN47NJ03 | 20              | 47nH       | ±5%       | 40     | 0.23                   | 450                |
| 16  | LQW2BHN56NJ03 | 20              | 56nH       | ±5%       | 40     | 0.26                   | 430                |
| 17  | LQW2BHN68NJ03 | 20              | 68nH       | ±5%       | 40     | 0.23                   | 460                |
| 18  | LQW2BHN82NJ03 | 20              | 82nH       | ±5%       | 40     | 0.42                   | 320                |
| 19  | LQW2BHN10J03  | 20              | 100nH      | ±5%       | 40     | 0.38                   | 350                |
| 20  | LQW2BHN12J03  | 20              | 120nH      | ±5%       | 40     | 0.40                   | 320                |
| 21  | LQW2BHN15J03  | 20              | 150nH      | ±5%       | 30     | 0.47                   | 390                |
| 22  | LQW2BHN18J03  | 20              | 180nH      | ±5%       | 35     | 0.71                   | 250                |
| 23  | LQW2BHN22J03  | 20              | 220nH      | ±5%       | 35     | 0.70                   | 240                |
| 24  | LQW2BHN27K03  | 20              | 270nH      | ±10%      | 15     | 2.00                   | 190                |
| 25  | LQW2BHN33K03  | 20              | 330nH      | ±10%      | 15     | 2.20                   | 180                |
| 26  | LQW2BHN39K03  | 20              | 390nH      | ±10%      | 15     | 2.50                   | 170                |
| 27  | LQW2BHN47K03  | 20              | 470nH      | ±10%      | 15     | 2.80                   | 160                |

### ●EKLMQM18A (for General Use Monolithic Type)

| No. | Part Number   | Quantity (pcs.) | Inductance |           | Q min. | DC Resistance (Ω) max. | Rated Current (mA) |
|-----|---------------|-----------------|------------|-----------|--------|------------------------|--------------------|
|     |               |                 | Nominal    | Tolerance |        |                        |                    |
| 1   | LQM18NN47NM00 | 20              | 47nH       | ±20%      | 10     | 0.30                   | 50                 |
| 2   | LQM18NN68NM00 | 20              | 68nH       | ±20%      | 10     | 0.30                   | 50                 |
| 3   | LQM18NN82NM00 | 20              | 82nH       | ±20%      | 10     | 0.30                   | 50                 |

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| No. | Part Number   | Quantity (pcs.) | Inductance |           | Q min. | DC Resistance (Ω) max. | Rated Current (mA) |
|-----|---------------|-----------------|------------|-----------|--------|------------------------|--------------------|
|     |               |                 | Nominal    | Tolerance |        |                        |                    |
| 4   | LQM18NNR10K00 | 20              | 100nH      | ±10%      | 15     | 0.50                   | 50                 |
| 5   | LQM18NNR12K00 | 20              | 120nH      | ±10%      | 15     | 0.50                   | 50                 |
| 6   | LQM18NNR15K00 | 20              | 150nH      | ±10%      | 15     | 0.60                   | 50                 |
| 7   | LQM18NNR18K00 | 20              | 180nH      | ±10%      | 15     | 0.60                   | 50                 |
| 8   | LQM18NNR22K00 | 20              | 220nH      | ±10%      | 15     | 0.80                   | 50                 |
| 9   | LQM18NNR27K00 | 20              | 270nH      | ±10%      | 15     | 0.80                   | 50                 |
| 10  | LQM18NNR33K00 | 20              | 330nH      | ±10%      | 15     | 0.85                   | 35                 |
| 11  | LQM18NNR39K00 | 20              | 390nH      | ±10%      | 15     | 1.00                   | 35                 |
| 12  | LQM18NNR47K00 | 20              | 470nH      | ±10%      | 15     | 1.35                   | 35                 |
| 13  | LQM18NNR56K00 | 20              | 560nH      | ±10%      | 15     | 1.55                   | 35                 |
| 14  | LQM18NNR68K00 | 20              | 680nH      | ±10%      | 15     | 1.70                   | 35                 |
| 15  | LQM18NNR82K00 | 20              | 820nH      | ±10%      | 15     | 2.10                   | 35                 |
| 16  | LQM18NN1R0K00 | 20              | 1000nH     | ±10%      | 35     | 0.60                   | 25                 |
| 17  | LQM18NN1R2K00 | 20              | 1200nH     | ±10%      | 35     | 0.80                   | 25                 |
| 18  | LQM18NN1R5K00 | 20              | 1500nH     | ±10%      | 35     | 0.80                   | 25                 |
| 19  | LQM18NN1R8K00 | 20              | 1800nH     | ±10%      | 35     | 0.95                   | 25                 |
| 20  | LQM18NN2R2K00 | 20              | 2200nH     | ±10%      | 35     | 1.15                   | 15                 |

●EKLMM21NA (for General Use Monolithic Type)

| No. | Part Number   | Quantity (pcs.) | Inductance |           | Q min. | DC Resistance (Ω) max. | Rated Current (mA) |
|-----|---------------|-----------------|------------|-----------|--------|------------------------|--------------------|
|     |               |                 | Nominal    | Tolerance |        |                        |                    |
| 1   | LQM21NNR10K10 | 20              | 0.1μH      | ±10%      | 20     | 0.26                   | 250                |
| 2   | LQM21NNR12K10 | 20              | 0.12μH     | ±10%      | 20     | 0.29                   | 250                |
| 3   | LQM21NNR15K10 | 20              | 0.15μH     | ±10%      | 20     | 0.32                   | 250                |
| 4   | LQM21NNR18K10 | 20              | 0.18μH     | ±10%      | 20     | 0.35                   | 250                |
| 5   | LQM21NNR22K10 | 20              | 0.22μH     | ±10%      | 20     | 0.38                   | 250                |
| 6   | LQM21NNR27K10 | 20              | 0.27μH     | ±10%      | 20     | 0.42                   | 250                |
| 7   | LQM21NNR33K10 | 20              | 0.33μH     | ±10%      | 20     | 0.48                   | 250                |
| 8   | LQM21NNR39K10 | 20              | 0.39μH     | ±10%      | 25     | 0.53                   | 200                |
| 9   | LQM21NNR47K10 | 20              | 0.47μH     | ±10%      | 25     | 0.57                   | 200                |
| 10  | LQM21NNR56K10 | 20              | 0.56μH     | ±10%      | 25     | 0.63                   | 150                |
| 11  | LQM21NNR68K10 | 20              | 0.68μH     | ±10%      | 25     | 0.72                   | 150                |
| 12  | LQM21NNR82K10 | 20              | 0.82μH     | ±10%      | 25     | 0.81                   | 150                |
| 13  | LQM21NN1R0K10 | 20              | 1.0μH      | ±10%      | 45     | 0.40                   | 50                 |
| 14  | LQM21NN1R2K10 | 20              | 1.2μH      | ±10%      | 45     | 0.47                   | 50                 |
| 15  | LQM21NN1R5K10 | 20              | 1.5μH      | ±10%      | 45     | 0.50                   | 50                 |
| 16  | LQM21NN1R8K10 | 20              | 1.8μH      | ±10%      | 45     | 0.57                   | 50                 |
| 17  | LQM21NN2R2K10 | 20              | 2.2μH      | ±10%      | 45     | 0.63                   | 30                 |
| 18  | LQM21NN2R7K10 | 20              | 2.7μH      | ±10%      | 45     | 0.69                   | 30                 |
| 19  | LQM21NN3R3K10 | 20              | 3.3μH      | ±10%      | 45     | 0.80                   | 30                 |
| 20  | LQM21NN3R9K10 | 20              | 3.9μH      | ±10%      | 45     | 0.89                   | 30                 |
| 21  | LQM21NN4R7K10 | 20              | 4.7μH      | ±10%      | 45     | 1.00                   | 30                 |

●EKLMM21FA (for Choke Monolithic Type)

| No. | Part Number   | Quantity (pcs.) | Inductance |           | DC Resistance (Ω) | Rated Current (mA) |
|-----|---------------|-----------------|------------|-----------|-------------------|--------------------|
|     |               |                 | Nominal    | Tolerance |                   |                    |
| 1   | LQM21FN1R0N00 | 20              | 1.0μH      | ±30%      | 0.20±30%          | 220                |
| 2   | LQM21FN2R2N00 | 20              | 2.2μH      | ±30%      | 0.28±30%          | 150                |
| 3   | LQM21FN4R7N00 | 20              | 4.7μH      | ±30%      | 0.30±30%          | 80                 |
| 4   | LQM21FN100N00 | 20              | 10μH       | ±30%      | 0.50±30%          | 60                 |

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## Design Kits

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| No. | Part Number   | Quantity (pcs.) | Inductance |           | DC Resistance (Ω) | Rated Current (mA) |
|-----|---------------|-----------------|------------|-----------|-------------------|--------------------|
|     |               |                 | Nominal    | Tolerance |                   |                    |
| 5   | LQM21FN220N00 | 20              | 22μH       | ±30%      | 0.35±30%          | 13                 |
| 6   | LQM21FN470N00 | 20              | 47μH       | ±30%      | 0.60±30%          | 7                  |
| 7   | LQM31FN100M00 | 20              | 10μH       | ±20%      | 0.5 max.          | 70                 |

### ●EKL32MB (for General Use Winding Type)

| No. | Part Number   | Quantity (pcs.) | Inductance |           | DC Resistance (Ω) max. | Rated Current (mA) |
|-----|---------------|-----------------|------------|-----------|------------------------|--------------------|
|     |               |                 | Nominal    | Tolerance |                        |                    |
| 1   | LQH32MN1R0M23 | 20              | 1.0μH      | ±20%      | 0.50                   | 445                |
| 2   | LQH32MN1R2M23 | 20              | 1.2μH      | ±20%      | 0.60                   | 425                |
| 3   | LQH32MN1R5K23 | 20              | 1.5μH      | ±10%      | 0.60                   | 400                |
| 4   | LQH32MN1R8K23 | 20              | 1.8μH      | ±10%      | 0.70                   | 390                |
| 5   | LQH32MN2R2K23 | 20              | 2.2μH      | ±10%      | 0.80                   | 370                |
| 6   | LQH32MN2R7K23 | 20              | 2.7μH      | ±10%      | 0.90                   | 320                |
| 7   | LQH32MN3R3K23 | 20              | 3.3μH      | ±10%      | 1.00                   | 300                |
| 8   | LQH32MN3R9K23 | 20              | 3.9μH      | ±10%      | 1.10                   | 290                |
| 9   | LQH32MN4R7K23 | 20              | 4.7μH      | ±10%      | 1.20                   | 270                |
| 10  | LQH32MN5R6K23 | 20              | 5.6μH      | ±10%      | 1.30                   | 250                |
| 11  | LQH32MN6R8K23 | 20              | 6.8μH      | ±10%      | 1.50                   | 240                |
| 12  | LQH32MN8R2K23 | 20              | 8.2μH      | ±10%      | 1.60                   | 225                |
| 13  | LQH32MN100K23 | 20              | 10μH       | ±10%      | 1.8                    | 190                |
| 14  | LQH32MN120K23 | 20              | 12μH       | ±10%      | 2.0                    | 180                |
| 15  | LQH32MN150K23 | 20              | 15μH       | ±10%      | 2.2                    | 170                |
| 16  | LQH32MN180K23 | 20              | 18μH       | ±10%      | 2.5                    | 165                |
| 17  | LQH32MN220K23 | 20              | 22μH       | ±10%      | 2.8                    | 150                |
| 18  | LQH32MN270K23 | 20              | 27μH       | ±10%      | 3.1                    | 125                |
| 19  | LQH32MN330K23 | 20              | 33μH       | ±10%      | 3.5                    | 115                |
| 20  | LQH32MN390K23 | 20              | 39μH       | ±10%      | 3.9                    | 110                |
| 21  | LQH32MN470K23 | 20              | 47μH       | ±10%      | 4.3                    | 100                |
| 22  | LQH32MN560K23 | 20              | 56μH       | ±10%      | 4.9                    | 85                 |
| 23  | LQH32MN680K23 | 20              | 68μH       | ±10%      | 5.5                    | 80                 |
| 24  | LQH32MN820K23 | 20              | 82μH       | ±10%      | 6.2                    | 70                 |
| 25  | LQH32MN101K23 | 20              | 100μH      | ±10%      | 7.0                    | 80                 |
| 26  | LQH32MN121K23 | 20              | 120μH      | ±10%      | 8.0                    | 75                 |
| 27  | LQH32MN151K23 | 20              | 150μH      | ±10%      | 9.3                    | 70                 |
| 28  | LQH32MN181K23 | 20              | 180μH      | ±10%      | 10.2                   | 65                 |
| 29  | LQH32MN221K23 | 20              | 220μH      | ±10%      | 11.8                   | 65                 |
| 30  | LQH32MN271K23 | 20              | 270μH      | ±10%      | 12.5                   | 65                 |
| 31  | LQH32MN331K23 | 20              | 330μH      | ±10%      | 13.0                   | 65                 |
| 32  | LQH32MN391K23 | 20              | 390μH      | ±10%      | 22.0                   | 50                 |
| 33  | LQH32MN471K23 | 20              | 470μH      | ±10%      | 25.0                   | 45                 |
| 34  | LQH32MN561K23 | 20              | 560μH      | ±10%      | 28.0                   | 40                 |

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**●EKL43MB (for General Use Winding Type)**

| No. | Part Number   | Quantity<br>(pcs.) | Inductance |           | DC Resistance<br>(Ω) max. | Rated Current<br>(mA) |
|-----|---------------|--------------------|------------|-----------|---------------------------|-----------------------|
|     |               |                    | Nominal    | Tolerance |                           |                       |
| 1   | LQH43MN1R0M03 | 10                 | 1.0μH      | ±20%      | 0.20                      | 500                   |
| 2   | LQH43MN1R2M03 | 10                 | 1.2μH      | ±20%      | 0.20                      | 500                   |
| 3   | LQH43MN1R5M03 | 10                 | 1.5μH      | ±20%      | 0.30                      | 500                   |
| 4   | LQH43MN1R8M03 | 10                 | 1.8μH      | ±20%      | 0.30                      | 500                   |
| 5   | LQH43MN2R2M03 | 10                 | 2.2μH      | ±20%      | 0.30                      | 500                   |
| 6   | LQH43MN2R7M03 | 10                 | 2.7μH      | ±20%      | 0.32                      | 500                   |
| 7   | LQH43MN3R3M03 | 10                 | 3.3μH      | ±20%      | 0.35                      | 500                   |
| 8   | LQH43MN3R9M03 | 10                 | 3.9μH      | ±20%      | 0.38                      | 500                   |
| 9   | LQH43MN4R7K03 | 10                 | 4.7μH      | ±10%      | 0.40                      | 500                   |
| 10  | LQH43MN5R6K03 | 10                 | 5.6μH      | ±10%      | 0.47                      | 500                   |
| 11  | LQH43MN6R8K03 | 10                 | 6.8μH      | ±10%      | 0.50                      | 450                   |
| 12  | LQH43MN8R2K03 | 10                 | 8.2μH      | ±10%      | 0.56                      | 450                   |
| 13  | LQH43MN100K03 | 10                 | 10μH       | ±10%      | 0.56                      | 400                   |
| 14  | LQH43MN120K03 | 10                 | 12μH       | ±10%      | 0.62                      | 380                   |
| 15  | LQH43MN150K03 | 10                 | 15μH       | ±10%      | 0.73                      | 360                   |
| 16  | LQH43MN180K03 | 10                 | 18μH       | ±10%      | 0.82                      | 340                   |
| 17  | LQH43MN220K03 | 10                 | 22μH       | ±10%      | 0.94                      | 320                   |
| 18  | LQH43MN270K03 | 10                 | 27μH       | ±10%      | 1.10                      | 300                   |
| 19  | LQH43MN330K03 | 10                 | 33μH       | ±10%      | 1.20                      | 270                   |
| 20  | LQH43MN390K03 | 10                 | 39μH       | ±10%      | 1.40                      | 240                   |
| 21  | LQH43MN470K03 | 10                 | 47μH       | ±10%      | 1.50                      | 220                   |
| 22  | LQH43MN560K03 | 10                 | 56μH       | ±10%      | 1.7                       | 200                   |
| 23  | LQH43MN680K03 | 10                 | 68μH       | ±10%      | 1.9                       | 180                   |
| 24  | LQH43MN820K03 | 10                 | 82μH       | ±10%      | 2.2                       | 170                   |
| 25  | LQH43MN101K03 | 10                 | 100μH      | ±10%      | 2.5                       | 160                   |
| 26  | LQH43MN121K03 | 10                 | 120μH      | ±10%      | 3.0                       | 150                   |
| 27  | LQH43MN151K03 | 10                 | 150μH      | ±10%      | 3.7                       | 130                   |
| 28  | LQH43MN181K03 | 10                 | 180μH      | ±10%      | 4.5                       | 120                   |
| 29  | LQH43MN221K03 | 10                 | 220μH      | ±10%      | 5.4                       | 110                   |
| 30  | LQH43MN271K03 | 10                 | 270μH      | ±10%      | 6.8                       | 100                   |
| 31  | LQH43MN331K03 | 10                 | 330μH      | ±10%      | 8.2                       | 95                    |
| 32  | LQH43MN391K03 | 10                 | 390μH      | ±10%      | 9.7                       | 90                    |
| 33  | LQH43MN471K03 | 10                 | 470μH      | ±10%      | 11.8                      | 80                    |
| 34  | LQH43MN561K03 | 10                 | 560μH      | ±10%      | 14.5                      | 70                    |
| 35  | LQH43MN681K03 | 10                 | 680μH      | ±10%      | 17.0                      | 65                    |
| 36  | LQH43MN821K03 | 10                 | 820μH      | ±10%      | 20.5                      | 60                    |
| 37  | LQH43MN102K03 | 10                 | 1000μH     | ±10%      | 25.0                      | 50                    |
| 38  | LQH43MN122K03 | 10                 | 1200μH     | ±10%      | 30.0                      | 45                    |
| 39  | LQH43MN152K03 | 10                 | 1500μH     | ±10%      | 37.0                      | 40                    |
| 40  | LQH43NN182K03 | 10                 | 1800μH     | ±10%      | 45.0                      | 35                    |
| 41  | LQH43NN222K03 | 10                 | 2200μH     | ±10%      | 50.0                      | 30                    |

**●EKL43CB (for Choke Winding Type)**

| No. | Part Number   | Quantity<br>(pcs.) | Inductance |           | DC Resistance<br>(Ω) | Rated Current<br>(mA) |
|-----|---------------|--------------------|------------|-----------|----------------------|-----------------------|
|     |               |                    | Nominal    | Tolerance |                      |                       |
| 1   | LQH32CNR15M33 | 20                 | 0.15μH     | ±20%      | 0.028±30%            | 1450                  |
| 2   | LQH32CNR27M33 | 20                 | 0.27μH     | ±20%      | 0.034±30%            | 1250                  |
| 3   | LQH32CNR47M33 | 20                 | 0.47μH     | ±20%      | 0.042±30%            | 1100                  |
| 4   | LQH32CN1R0M33 | 20                 | 1.0μH      | ±20%      | 0.06±30%             | 1000                  |
| 5   | LQH32CN2R2M33 | 20                 | 2.2μH      | ±20%      | 0.097±30%            | 790                   |

Continued on the following page. 

## Design Kits

 Continued from the preceding page.

| No. | Part Number   | Quantity (pcs.) | Inductance |           | DC Resistance (Ω) | Rated Current (mA) |
|-----|---------------|-----------------|------------|-----------|-------------------|--------------------|
|     |               |                 | Nominal    | Tolerance |                   |                    |
| 6   | LQH32CN4R7M33 | 20              | 4.7μH      | ±20%      | 0.15±30%          | 650                |
| 7   | LQH32CN100K33 | 20              | 10μH       | ±10%      | 0.3±30%           | 450                |
| 8   | LQH32CN1R0M23 | 20              | 1.0μH      | ±20%      | 0.09±30%          | 800                |
| 9   | LQH32CN2R2M23 | 20              | 2.2μH      | ±20%      | 0.13±30%          | 600                |
| 10  | LQH32CN4R7M23 | 20              | 4.7μH      | ±20%      | 0.2±30%           | 450                |
| 11  | LQH32CN100K23 | 20              | 10μH       | ±10%      | 0.44±30%          | 300                |
| 12  | LQH32CN220K23 | 20              | 22μH       | ±10%      | 0.71±30%          | 250                |
| 13  | LQH32CN470K23 | 20              | 47μH       | ±10%      | 1.3±30%           | 170                |
| 14  | LQH32CN101K23 | 20              | 100μH      | ±10%      | 3.5±30%           | 100                |
| 15  | LQH32CN221K23 | 20              | 220μH      | ±10%      | 8.4±30%           | 70                 |
| 16  | LQH32CN331K23 | 20              | 330μH      | ±10%      | 10±30%            | 60                 |
| 17  | LQH32CN391K23 | 20              | 390μH      | ±10%      | 17±30%            | 60                 |
| 18  | LQH32CN471K23 | 20              | 470μH      | ±10%      | 19±30%            | 60                 |
| 19  | LQH32CN561K23 | 20              | 560μH      | ±10%      | 22±30%            | 60                 |
| 20  | LQH32CN1R0M53 | 20              | 1.0μH      | ±20%      | 0.06±30%          | 1000               |
| 21  | LQH32CN2R2M53 | 20              | 2.2μH      | ±20%      | 0.097±30%         | 790                |
| 22  | LQH32CN4R7M53 | 20              | 4.7μH      | ±20%      | 0.15±30%          | 650                |
| 23  | LQH32CN100K53 | 20              | 10μH       | ±10%      | 0.3±30%           | 450                |
| 24  | LQH32CN150K53 | 20              | 15μH       | ±10%      | 0.58±30%          | 300                |
| 25  | LQH32CN220K53 | 20              | 22μH       | ±10%      | 0.71±30%          | 250                |
| 26  | LQH32CN330K53 | 20              | 33μH       | ±10%      | 1.1±30%           | 200                |
| 27  | LQH32CN470K53 | 20              | 47μH       | ±10%      | 1.3±30%           | 170                |
| 28  | LQH32CN680K53 | 20              | 68μH       | ±10%      | 2.2±30%           | 130                |
| 29  | LQH32CN101K53 | 20              | 100μH      | ±10%      | 3.5±30%           | 100                |

### ●EKL43CB (for Choke Winding Type)

| No. | Part Number   | Quantity (pcs.) | Inductance |           | DC Resistance (Ω) | Rated Current (mA) |
|-----|---------------|-----------------|------------|-----------|-------------------|--------------------|
|     |               |                 | Nominal    | Tolerance |                   |                    |
| 1   | LQH43CN1R0M03 | 10              | 1.0μH      | ±20%      | 0.08 max          | 1080               |
| 2   | LQH43CN1R5M03 | 10              | 1.5μH      | ±20%      | 0.09 max          | 1000               |
| 3   | LQH43CN2R2M03 | 10              | 2.2μH      | ±20%      | 0.11 max          | 900                |
| 4   | LQH43CN3R3M03 | 10              | 3.3μH      | ±20%      | 0.13 max          | 800                |
| 5   | LQH43CN4R7M03 | 10              | 4.7μH      | ±20%      | 0.15 max          | 750                |
| 6   | LQH43CN6R8M03 | 10              | 6.8μH      | ±20%      | 0.20 max          | 720                |
| 7   | LQH43CN100K03 | 10              | 10μH       | ±10%      | 0.24 max          | 650                |
| 8   | LQH43CN150K03 | 10              | 15μH       | ±10%      | 0.32 max          | 570                |
| 9   | LQH43CN220K03 | 10              | 22μH       | ±10%      | 0.60 max          | 420                |
| 10  | LQH43CN330K03 | 10              | 33μH       | ±10%      | 1.00 max          | 310                |
| 11  | LQH43CN470K03 | 10              | 47μH       | ±10%      | 1.10 max          | 280                |
| 12  | LQH43CN680K03 | 10              | 68μH       | ±10%      | 1.70 max          | 220                |
| 13  | LQH43CN101K03 | 10              | 100μH      | ±10%      | 2.20 max          | 190                |
| 14  | LQH43CN151K03 | 10              | 150μH      | ±10%      | 3.50 max          | 130                |
| 15  | LQH43CN221K03 | 10              | 220μH      | ±10%      | 4.00 max          | 110                |
| 16  | LQH43CN331K03 | 10              | 330μH      | ±10%      | 6.80 max          | 100                |
| 17  | LQH43CN471K03 | 10              | 470μH      | ±10%      | 8.50 max          | 90                 |
| 18  | LQH3KSN561N23 | 10              | 560μH      | ±30%      | 7.8±30%           | 50                 |
| 19  | LQH3KSN681N23 | 10              | 680μH      | ±30%      | 9.1±30%           | 40                 |
| 20  | LQH3KSN102N23 | 10              | 1000μH     | ±30%      | 11±30%            | 30                 |
| 21  | LQH3KSN152N23 | 10              | 1500μH     | ±30%      | 23±30%            | 25                 |
| 22  | LQH3KSN222N23 | 10              | 2200μH     | ±30%      | 28±30%            | 20                 |