## SMD Choke Coils

## Series: $\mathbf{N}$ <br> Type: ELC6GN



## - Features

- Low DC resistance and large current capability


Type ELC6GN

## - Recommended Applications

- DC-DC converter circuitry for computer peripherals and cellular phones.
- Chopper circuit decoupling chokes for DC-DC converter circuitry


## - Standard Packing Quantity <br> - 1000 pcs./Reel

Explanation of Part Numbers


Dimensions in mm (not to scale)

- Recommended land patterns in mm (not to scale)


Standard Parts

| Part Number | Inductance(100 kHz) |  | $\begin{gathered} \mathrm{RDC} \\ \text { (at } 20^{\circ} \mathrm{C} \text { ) } \end{gathered}$ |  | *Rated Current (mA max.) | Marking |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | ( $\mu \mathrm{H}$ ) | Tol. | (m, | Tol. |  |  |
| ELC6GN1R5N | 1.5 | $\pm 30$ \% | 60 | $\pm 20$ \% | 2200 | 1R5 |
| ELC6GN2R2N | 2.2 |  | 70 |  | 1900 | 2 R 2 |
| ELC6GN3R3N | 3.3 |  | 77 |  | 1500 | 3R3 |
| ELC6GN4R7N | 4.7 |  | 115 |  | 1300 | 4R7 |
| ELC6GN6R8N | 6.8 |  | 150 |  | 1100 | 6R8 |
| ELC6GN100M | 10.0 | $\pm 20$ \% | 170 |  | 1000 | 100 |
| ELC6GN220M | 22.0 |  | 350 |  | 700 | 220 |

* Current: This indicates the value of current when the inductance is $70 \%$ of nominal value and case temperature has risen $45^{\circ} \mathrm{C}$ (at $20^{\circ} \mathrm{C}$ )


## Embossed Carrier Tape Dimensions in mm (not to scale)



Quantity 1000 pcs./reel

