

SMD Choke Coils

Series: **N**
 Type: **ELC5FN**



Type ELC5FN

■ Features

- Low DC resistance and large current capability
- Shock resistant

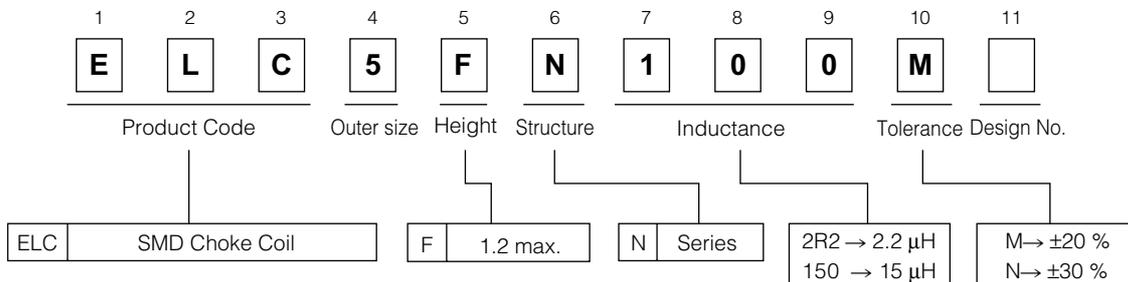
■ Recommended Applications

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

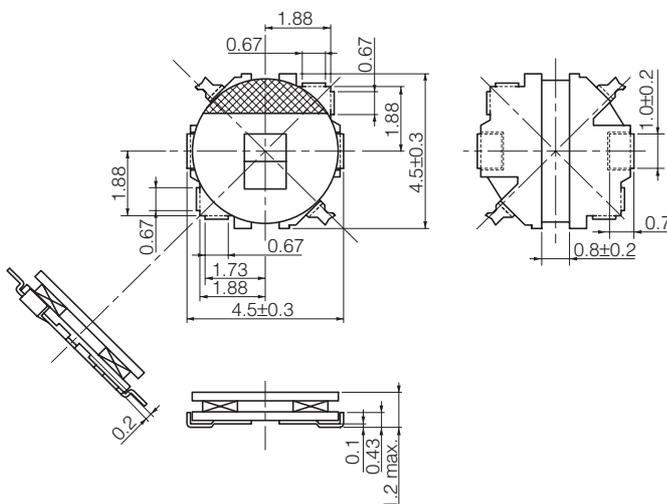
■ Standard Packing Quantity

- 2000 pcs./Reel

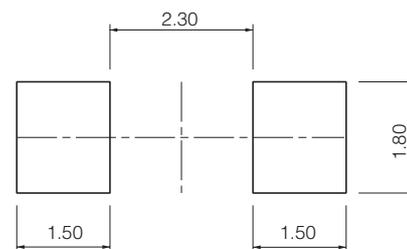
■ Explanation of Part Numbers



■ Dimensions in mm (not to scale)



■ Recommended land patterns in mm (not to scale)



Standard Parts

| Part Number | Inductance (100 kHz) | | R _{DC} (at 20 °C) | | *Rated Current (mA max.) | Marking |
|-------------|-------------------------|-------|-------------------------------|-------|-----------------------------|---------|
| | (μH) | Tol. | (mΩ) | Tol. | | |
| ELC5FN2R4N | 2.4 | ±30 % | 87 | ±20 % | 1300 | 12 |
| ELC5FN4R7N | 4.7 | | 150 | | 1100 | 21 |
| ELC5FN6R8N | 6.8 | | 210 | | 860 | 26 |
| ELC5FN7R5N | 7.5 | | 230 | | 840 | 27 |
| ELC5FN100M | 10.0 | ±20 % | 300 | | 690 | 31 |
| ELC5FN150M | 15.0 | | 510 | | 550 | 33 |
| ELC5FN220M | 22.0 | | 670 | | 450 | 36 |
| ELC5FN470M | 47.0 | | 1400 | | 320 | 51 |

* Current: This indicates the value of current when the inductance is 70 % of nominal value and case temperature has risen 45 °C (at 20 °C)

Embossed Carrier Tape Dimensions in mm (not to scale)

