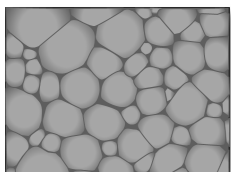


L□CN Series

Original Material



Particle bonding by oxide layer

High heat resistance
High thermal conductivity
Low loss iron-based
magnetic material

Point

Reduce DCR

about **– 53%**

Reduce Volume

about **– 56%**

Process Features

**Multilayer
Technology**

+

**Thermomechanical
Technology**

Applications

Smartphones/Wearable/
IoT/Automotive/
Industrial Equipment

High Current

about **x 3.0**

※ Compared to ferrite products of the same inductance
· CKP2012NR47M (ferrite products) Case Size(mm):2.0x1.25x1.0 Inductance:0.47uH Isat(max):1.2A Rdc(max):0.080Ω
· LSCND1412FETR47ME (metal products) Case Size(mm):1.4x1.2x0.65 Inductance:0.47uH Isat(max):3.6A Rdc(max):0.038Ω

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