

NIC PRODUCT PROFILE

NFM Series

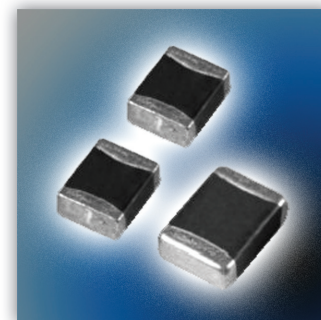
Multilayer Metal Composite Chip Power Inductors

Description:

Stepping away from traditional wirewound coil types NIC's multilayer technology can meet smaller size requirements while maintaining top performance. An upgrade from standard ferrite multilayer power inductors, metal composite [NFM] provides high saturation current characteristics, increased frequency performance and higher efficiency.

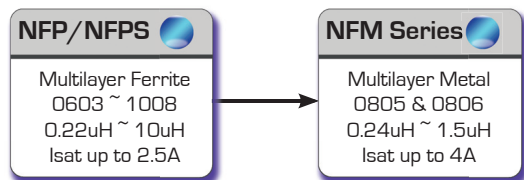
NFM combines NIC's Performance Passive Power Inductor Technologies of metal composite [NPIM] and multilayer [NFP] offering high current ratings in a multilayer chip component.

These multilayer power inductors are ideal for use in LED lighting applications, display drivers, voltage regulator applications in portable, handheld, space-saving and high density circuit designs.



Links to Know...

Series Pages:
www.niccomp.com/series/NFM
 View all Power Inductor Products
www.niccomp.com/power
 Power Inductor Selection Guides
www.niccomp.com/trees/power
 Search with QuickBUILDER
www.NICcomp.com/qb-power



NFM Characteristics:

Temperature Range : -40°C ~ +125°C

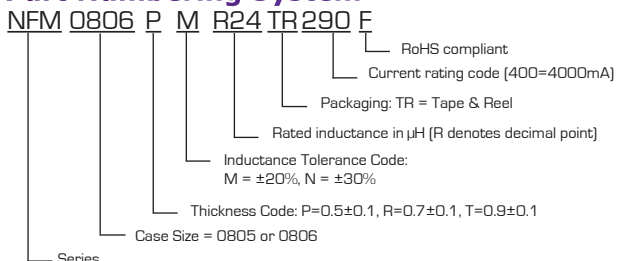
Inductance : 0.24uH ~ 1.5uH

Inductance Tolerance : ±20%, ±30%

Low DC Resistance in milli Ohm (mΩ) range

High Isaturation Current up to 4A

Part Numbering System



NFM Series Applications

- ◇ DC-DC Converters
- ◇ LED Drivers
- ◇ Point of Sale equipment
- ◇ GPS devices
- ◇ Wireless Communications
- ◇ Sensors & Controllers
- ◇ Security & Alarm

NFM Series Co-Sell Products

- ◇ NMC-T Low Profile MLCCs
- ◇ NMC High CV MLCCs
- ◇ NCSx Current Sensing Resistors

NFM Cross & Replace

- ◇ Taiyo Yuden MAKK Series
- ◇ Toko DFE Series
- ◇ Cyntec PSE Series

