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NPMG Series

Low Loss Molded Power Inductors

NIC Components proudly presents the NPMG series, a groundbreaking addition to our molded power inductor line. This series represents an upgrade from our NPIM_Z and NPMS product lines, offering engineers and designers a powerful solution for their applications.

The NPMG series is engineered to excel in a wide range of applications, including DC-to-DC and AC-to-DC converters. Larger sizes are perfect for base stations, servers, routers, and switches, while the smaller chip sizes are ideal for battery-operated devices, body electronics, comfort systems, handheld devices, POS systems, and navigation equipment.

Series Specifications

Series	NPMG
Upgrade From (Replaces)	NPMS, NPIM_Z
Inductance Range	0.08 ~ 15 uH
Operating Temp. Range	-55 - +155°C
Package Options	13 Footprint Options from 2.0x1.6 mm to 13x13 mm in various height options

For a full list of part numbers and specifications please refer to the NPMG series page,
www.niccomp.com/series/NPMG



Scan for series page!

Features / Benefits / Advantages

- Extremely Low DCR
- Ultra Low DC & AC Losses
- -55~155°C Operating Range
- Improved Isat & Irms vs. NPIM_Z Series
- Supports switching Frequencies up to 5 MHz

Applications

- DC-to-DC and AC-to-DC Converters
- Base stations, servers, routers, and switches
- Battery Operated Devices
- Body Electronics & Comfort System
- Handheld POS
- Navigation

