

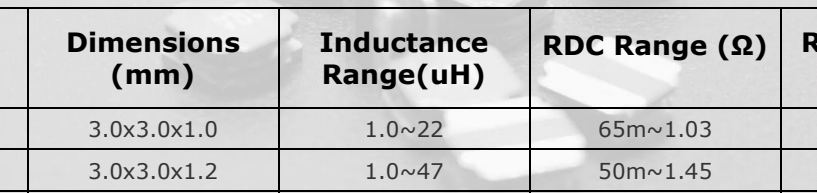
Mag Layers changes the industry... again.

We introduce our cutting edge MNR series of injection molded, shielded, power inductors designed for DC-DC power conversion in small spaces!

New series offers a wide selection to the growing trend of more power in smaller packages.

August 2013 Irvine, CA- Mag Layers USA, Inc. is proud to announce its MNR series. The MNR series is a perfect fit to the increasing power demand at a cost effective price. This product is designed for DC-DC converters, flat panel display DC-DC converters, and high current mobile product applications.

The MNR series is a ferrite shielded power inductor with ideal performance packed into a small device. The simple shape allows us to save space on the board and use thicker wire to boost performance in this small size. The unique ferrite epoxy shield allows high performance without the fear of noise in your circuit. Mag Layers has made capital investments in fully automated production equipment for our Taiwan and China facilities creating a very cost effective high volume solution!



Series (size)	Dimensions (mm)	Inductance Range(uH)	RDC Range (Ω)	Rated Current (A)
MNR-3010	3.0x3.0x1.0	1.0~22	65m~1.03	0.35~1.3
MNR-3012	3.0x3.0x1.2	1.0~47	50m~1.45	0.25~1.5
MNR-3015	3.0x3.0x1.5	1.0~22	30m~0.52	0.47~2.1
MNR-4010	4.0x4.0x1.0	4.7~10	0.21~0.38	0.56~0.9
MNR-4018	4.0x4.0x1.8	1.0~22	30m~0.36	0.8~4.0
MNR-4026	4.0x4.0x2.6	3.5~6.6	50m~65m	1.5~1.7
MNR-6012	6.0x6.0x1.2	3.3~10	90m~0.235	1.0~1.8
MNR-6020	6.0x6.0x2.0	1.5~10	26m~0.125	1.7~4.0
MNR-6028	6.0x6.0x2.9	0.9~220	13m~1.3	0.45~6.6
MNR-6045	6.0x6.0x4.5	1.0~100	14m~0.50	0.8~8.5
MNR-8040	8.0x8.0x4.2	0.9~100	7.8m~0.377	1.0~7.8

<http://www.maglayersusa.com/products/wwatidetails.asp?id=2>

The entire series is RoHS compliant, Halogen free, and packaged in 100% lead free composite construction. Please visit our website for a complete listing of sizes and performance ratings.

<http://www.maglayersusa.com>

Design kits are available in Irvine, CA; we offer 3 different sets of parts covering applications from small to large – please contact sales@maglayersusa.com for pricing and availability.

Mag Layers is a world leading manufacturer of Inductors, Ferrite beads, and LTCC components. They produce over a billion components annually. Mag Layers' components are competitively

priced and designed in at many of the Fortune 500's top tech firms. Mag Layers USA, Inc. services the North and South American markets.

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