

# PRODUCT RELEASE



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## Richardson RFPD Introduces TOKO MDT Series of Multilayer Ferrite Chip Power Inductors

### Ideal for space-constrained DC/DC converter applications in portable platforms

**February 20, 2014 – LaFox, Illinois:** Richardson RFPD, Inc. today announces immediate availability and full design support capabilities for the [MDT Series](#) of multilayer ferrite chip power inductors from TOKO.

TOKO's proprietary architecture creates extremely robust, magnetically-shielded, multilayer ferrite power inductors offer low resistance and high current handling in miniature footprint, low profile sizes ranging from 2.5 x 2.0 x 1.0 mm to 2.5 x 2.0 x 1.2 mm. With high efficiency through 10 MHz switching frequency coupled with the small size and low flux leakage, they are ideally-suited for space-constrained DC/DC converter applications in portable platforms.

Key features of the [MDT Series](#) include:

MDT2520-CR				
Part Number	Inductance (uH)	Tolerance (%)	DCR (mΩ) (±30%)	DC Current (A) Max
<a href="#">MDT2520-CR1R0M</a>	1.0	±20	60	2.5
<a href="#">MDT2520-CR1R5M</a>	1.5	±20	80	2.2
<a href="#">MDT2520-CR2R2M</a>	2.2	±20	90	2.1
<a href="#">MDT2520-CR3R3M</a>	3.3	±20	100	2.0
<a href="#">MDT2520-CR4R7M</a>	4.7	±20	120	1.85
MDT2520-CN				
<a href="#">MDT2520-CNR47M</a>	0.47	±20	60	2.5
<a href="#">MDT2520-CN1R0M</a>	1.0	±20	85	2.15
<a href="#">MDT2520-CN1R5M</a>	1.5	±20	95	2.05
<a href="#">MDT2520-CN2R2M</a>	2.2	±20	105	1.95
<a href="#">MDT2520-CN3R3M</a>	3.3	±20	115	1.9
<a href="#">MDT2520-CN4R7M</a>	4.7	±20	125	1.8

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## Continued



The MDT Series inductors are part of Richardson RFPD's extensive stock of TOKO product families optimized for DC/DC converters that cross multiple architectures, including wire-wound, metal alloy, and these multilayer power inductors. The MDT Series is RoHS-compliant and can be ordered in full 3K-piece reels or as cut tape.

Richardson RFPD's design advisors provide extensive technical expertise and design-in assistance for TOKO products, including the MDT Series of power inductors. To find more information, or to order these devices today on the Richardson RFPD website, please visit the [TOKO Multilayer Power Inductors \(MDT\)](#) webpage. The devices are also available by calling 1-800-737-6937 (within North America); or please find your local sales engineer (worldwide) at [Local Sales Support](#). To learn about additional products from TOKO, please visit the [TOKO storefront](#) webpage.



### About Richardson RFPD, Inc.:

Richardson RFPD, Inc., an Arrow Electronics company, is a global leader in the RF and wireless communications, power conversion and renewable energy markets. Relationships with the industry's top component suppliers enable Richardson RFPD to meet the total engineering needs of each customer. Whether it's designing components or engineering complete solutions, Richardson RFPD's worldwide design centers and technical sales team provide support for all aspects of customers' go-to-market strategy, from prototype to production. More information is available online at [www.richardsonrfpd.com](http://www.richardsonrfpd.com).

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