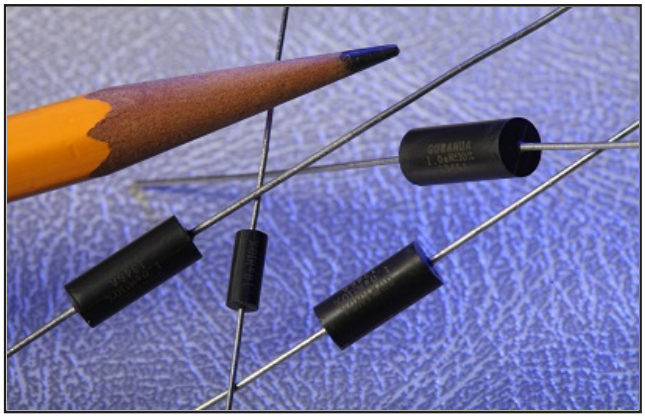
GOWANDA® ELECTRONICS

NEWS RELEASE



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New RF Inductors for Military Applications

Gowanda "M" Series Launch at Space Tech Expo

13 April 2015, Gowanda, NY (USA) - Gowanda Electronics, a US-based designer and manufacturer of precision electronic components for power and radio frequency applications will launch five new RF inductor series for military applications at the upcoming Space Tech Expo being held May 19-21, 2015 in Long Beach, CA. Visit Booth #2118 for more information.

This introduction expands the number of MIL-PRF-15305 MS part numbers that can be addressed with Gowanda components. The five series that achieved Qualified Product List status and the seven MS numbers they address include: MRLF19M (MS90539), MLRF21M (MS90542 and MS14052), MLRF22M (MS90540), MLRF24M (MS90541) and MLRF28M (MS75103 and MS91189).

These RF thru-hole, wirewound, molded inductors are designed for radio frequency applications in military, aerospace and defense communities. They have utility in communication, guidance and security applications, as well as in radar, test & evaluation and special mission applications.

The overall performance range provided by the new series includes: inductance from 0.47 to 10,000 µH, Q min from 35 to 95, SRF MHz min from 0.95 to 300, DCR Ohms max from 0.06 to 72, and current rating mA DC from 47 to 2400. Refer to the table below for series-specific values.

Gowanda Series	Military Number(s)	L µH	Q Min	SRF MHz Min	DCR Ohms Max	Current Rating mA DC
MLRF19M	90539	270 - 1000	60 - 65	2.24 - 5.60	8.2 - 16.5	78 - 110
MLRF21M	90542	0.47 - 4.70	40 - 65	90 - 300	0.06 - 1.80	360 - 1970
	14052	5.6 - 39.0	35 - 70	18 - 55	0.13 - 2.00	224 - 885
MLRF22M	90540	1100 - 3600	60 - 70	1.50 - 2.80	21.0 - 40.0	57 - 78
MLRF24M	90541	3900 - 10000	80	0.95 - 1.45	44.0 - 72.0	47 - 61
MLRF28M	75103	22 - 120	45 - 95	10 - 24	0.295 - 4.100	195 - 725
	91189	1.2 - 18.0	40 - 60	45 - 170	0.075 - 4.150	315 - 2400

continued . . .

Cores are powdered iron or phenolic depending on MS number. Operating temperature range is -55°C to +105°C (Class A) for powdered iron core parts and -55°C to +125°C (Class B) for phenolic core parts. Links to product information, datasheets and other helpful information are provided below.

This multi-series introduction enhances Gowanda's QPL-approved product line and demonstrates the company's ongoing commitment to the development and introduction of QPL products that address the needs of the military and aerospace markets.

Helpful links:

- Series Information:

MLRF19M – http://www.gowanda.com/catalog/qpl/mlrf19m-detail.html
MLRF21M – http://www.gowanda.com/catalog/qpl/mlrf21m-detail.html
MLRF22M – http://www.gowanda.com/catalog/qpl/mlrf22m-detail.html
MLRF24M – http://www.gowanda.com/catalog/qpl/mlrf24m-detail.html
MLRF28M – http://www.gowanda.com/catalog/qpl/mlrf28m-detail.html

- Datasheets:

MLRF19M – http://www.gowanda.com/images/files/Gowanda_MLRF19M22M24M_Datasheet_04112015.pdf
MLRF21M – http://www.gowanda.com/images/files/Gowanda_MLRF21M_Datasheet_04122015.pdf
MLRF22M – http://www.gowanda.com/images/files/Gowanda_MLRF19M22M24M_Datasheet_04112015.pdf
MLRF24M – http://www.gowanda.com/images/files/Gowanda_MLRF19M22M24M_Datasheet_04112015.pdf
MLRF28M – http://www.gowanda.com/images/files/Gowanda_MLRF28M_Datasheet_04122015.pdf

Gowanda QPL Status and Links to Series: http://www.gowanda.com/technical-library/qpl-progress.html

For more information regarding pricing, delivery or upscreening requirements please contact Gowanda Electronics at USA +1-716-532-2234 or sales@gowanda.com.

For more information about QPL go to the website for Defense Logistics Agency DLA Land and Maritime (previously referred to as DSCC) at www.landandmaritime.dla.mil/. For details on MIL-PRF-15305, go directly to: www.landandmaritime.dla.mil/downloads/milspec/docs/mil-prf-15305/prf15305.pdf.

For more info about Space Tech Expo go to www.spacetechexpo.com

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