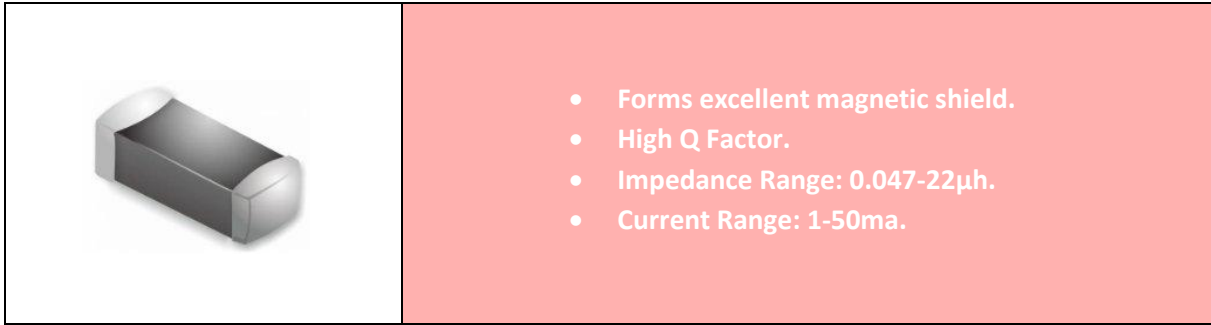


## FERRITE CHIP INDUCTORS

**MEC series: MLI-160808**



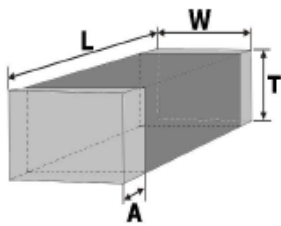
**Reel Quantity:** 4000pcs

**Temperature Range:** -55°C ~ +125°C

Available to purchase from [Farnell](#)

Part Number	Inductance ( $\mu$ H)	Q Min	Test Freq (MHz)	SRF (MHz) (Min)	DCR ( $\Omega$ ) Max	Rated Current (ma) (Max)	Engineering Spec
MLI-160808-47L	0.047 $\pm$ 20%	10	50	260	0.30	50	<a href="#">PDF</a>
MLI-160808-68L	0.068 $\pm$ 20%	10	50	250	0.30	50	<a href="#">PDF</a>
MLI-160808-82L	0.082 $\pm$ 20%	10	50	245	0.30	50	<a href="#">PDF</a>
MLI-160808-R10L	0.1 $\pm$ 10%	15	25	240	0.50	50	<a href="#">PDF</a>
MLI-160808-R12L	0.12 $\pm$ 10%	15	25	205	0.50	50	<a href="#">PDF</a>
MLI-160808-R22L	0.22 $\pm$ 10%	15	25	150	0.80	50	<a href="#">PDF</a>
MLI-160808-R27L	0.27 $\pm$ 10%	15	25	136	0.80	50	<a href="#">PDF</a>
MLI-160808-R33L	0.33 $\pm$ 10%	15	25	125	0.85	35	<a href="#">PDF</a>
MLI-160808-R39L	0.39 $\pm$ 10%	15	25	110	1.0	35	<a href="#">PDF</a>
MLI-160808-R47L	0.47 $\pm$ 10%	15	25	105	1.35	35	<a href="#">PDF</a>
MLI-160808-R56L	0.56 $\pm$ 10%	15	25	95	1.55	35	<a href="#">PDF</a>
MLI-160808-R68L	0.68 $\pm$ 10%	15	25	90	1.70	35	<a href="#">PDF</a>
MLI-160808-R82L	0.82 $\pm$ 10%	15	25	85	2.10	35	<a href="#">PDF</a>
MLI-160808-1R2M	1.2 $\pm$ 20%	35	10	65	0.80	25	<a href="#">PDF</a>
MLI-160808-1R8M	1.8 $\pm$ 10%	35	10	55	0.95	25	<a href="#">PDF</a>
MLI-160808-2R2M	2.2 $\pm$ 10%	35	10	50	1.15	15	<a href="#">PDF</a>
MLI-160808-3R3M	3.3 $\pm$ 10%	35	10	40	1.55	15	<a href="#">PDF</a>
MLI-160808-4R7M	4.7 $\pm$ 10%	35	10	33	2.10	15	<a href="#">PDF</a>
MLI-160808-5R6M	5.6 $\pm$ 10%	35	4	22	1.55	5	<a href="#">PDF</a>
MLI-160808-6R8M	6.8 $\pm$ 10%	35	4	20	1.70	5	<a href="#">PDF</a>
MLI-160808-100M	10 $\pm$ 10%	30	17	2	1.85	3	<a href="#">PDF</a>
MLI-160808-120M	12 $\pm$ 10%	30	2	2	2.10	3	<a href="#">PDF</a>
MLI-160808-180M	18 $\pm$ 10%	15	1	1	2.00	1	<a href="#">PDF</a>
MLI-160808-220M	22 $\pm$ 20%	15	1	1	2.10	1	<a href="#">PDF</a>

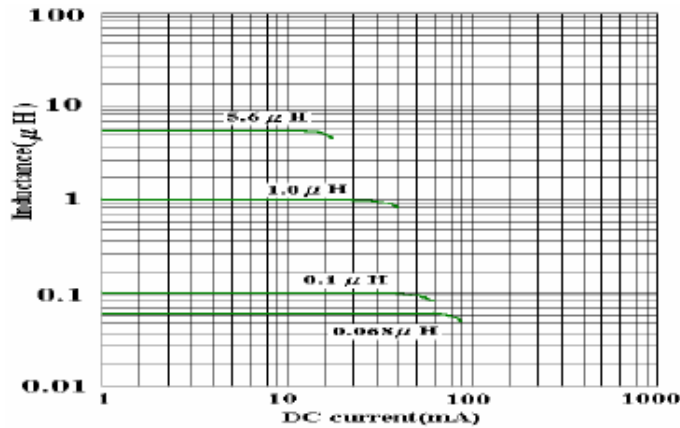
### Dimensions



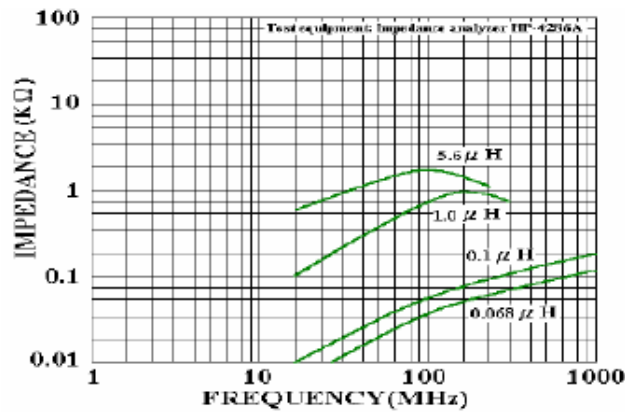
unit:  
mm (inch)

L	W	T	A(m/m)
1.6±0.15 (0.063±0.006)	0.8±0.15 (0.031±0.006)	0.8±0.15 (0.031±0.006)	0.2~0.6 (0.008-0.024)

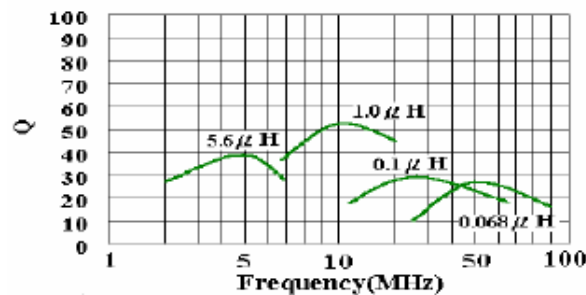
### INDUCTANCE VS DC SUPERPOSITION CHARACTERISTICS



### IMPEDANCE VS FREQUENCY CHARACTERISTICS



### Q VS FREQUENCY CHARACTERISTICS



#### ANNOTATION

All specifications shown herein are typical values and are not guaranteed. It is recommended to test in the application for suitability.