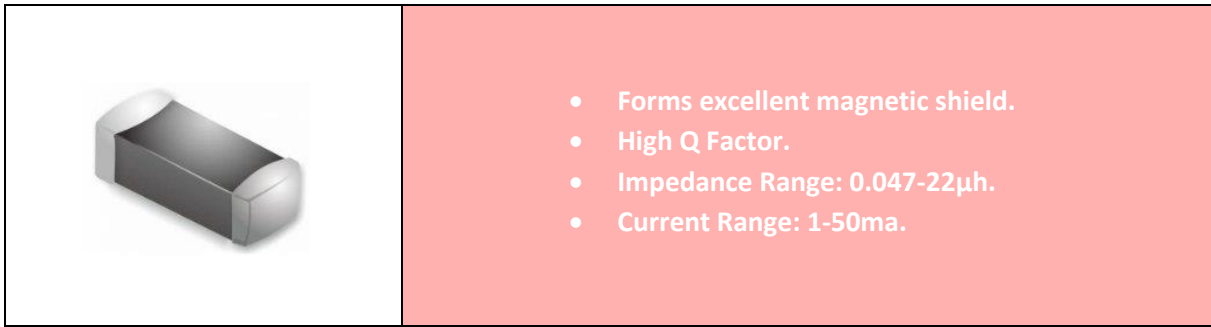


FERRITE CHIP INDUCTORS

MEC series: MLI-160808



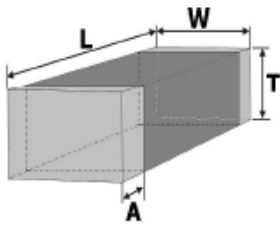
Reel Quantity: 4000pcs

Temperature Range: -55°C ~ +125°C

Application Examples

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

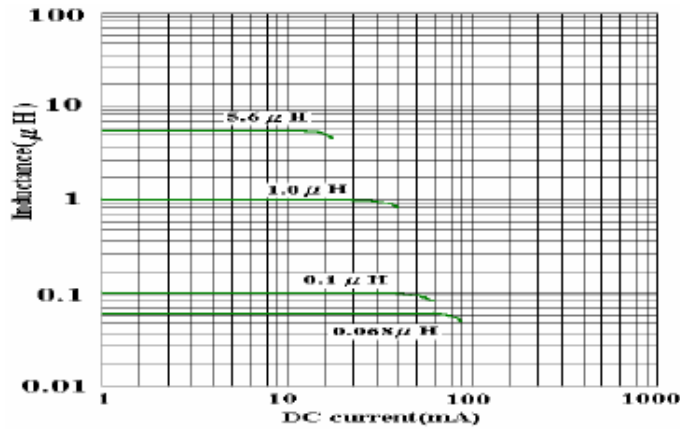
Dimensions



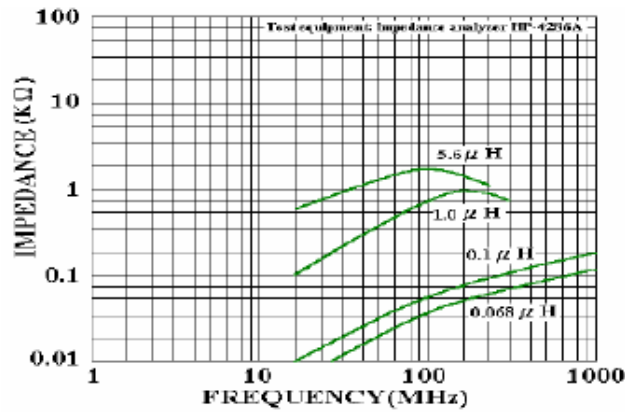
unit:
mm (inch)

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

