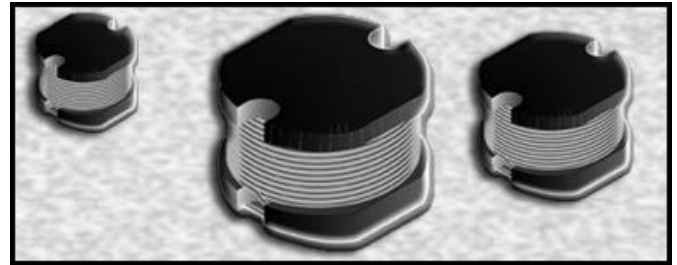
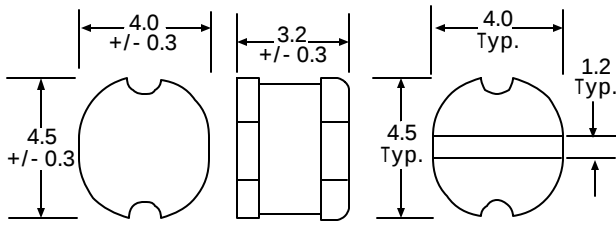


Power Inductors LC43



CHARACTERISTICS

INDUCTANCE RANGE 1 μ H to 68 μ H.

TOLERANCE 10% over entire range.

CURRENT RATING Current to cause maximum 10% of inductance drop, or 40°C temperature rise.

OPERATING TEMPERATURE -30°C to +100°C.

FEATURES

- High current rating
- Low core loss for high frequency power application

APPLICATIONS

- DC/DC Converters
- Computers
- Telecommunications equipment
- Filters
- LCD display

PART NUMBER	L $\pm$ 10% μ H	TEST FREQUENCY (MHz)	SELF RESONANT FREQUENCY TYPICAL (MHz)	DC RESISTANCE MAXIMUM (OHMS)	RATED DC CURRENT MAXIMUM (AMPS)
LC43-1R0K	1.0	7.9	113.8	0.049	2.56
LC43-1R2K	1.2	7.9	101.0	0.057	2.52
LC43-1R8K	1.8	7.9	92.0	0.064	1.95
LC43-2R2K	2.2	7.9	76.3	0.072	1.75
LC43-2R7K	2.7	7.9	66.6	0.079	1.58
LC43-3R3K	3.3	7.9	63.8	0.087	1.44
LC43-3R9K	3.9	7.9	53.8	0.094	1.33
LC43-4R7K	4.7	7.9	49.5	0.109	1.15
LC43-5R6K	5.6	7.9	43.2	0.126	0.99
LC43-6R8K	6.8	7.9	41.4	0.132	0.95
LC43-8R2K	8.2	7.9	35.8	0.147	0.84
LC43-100K	10	2.5	35.8	0.182	1.04
LC43-120K	12	2.5	32.4	0.210	0.97
LC43-150K	15	2.5	29.3	0.235	0.85
LC43-180K	18	2.5	27.5	0.338	0.74
LC43-220K	22	2.5	24.7	0.378	0.68
LC43-270K	27	2.5	21.7	0.522	0.62
LC43-330K	33	2.5	19.6	0.540	0.56
LC43-390K	39	2.5	18.0	0.587	0.52
LC43-470K	47	2.5	15.6	0.844	0.44
LC43-560K	56	2.5	14.8	0.937	0.42
LC43-680K	68	2.5	13.2	1.117	0.37